

Figure 1

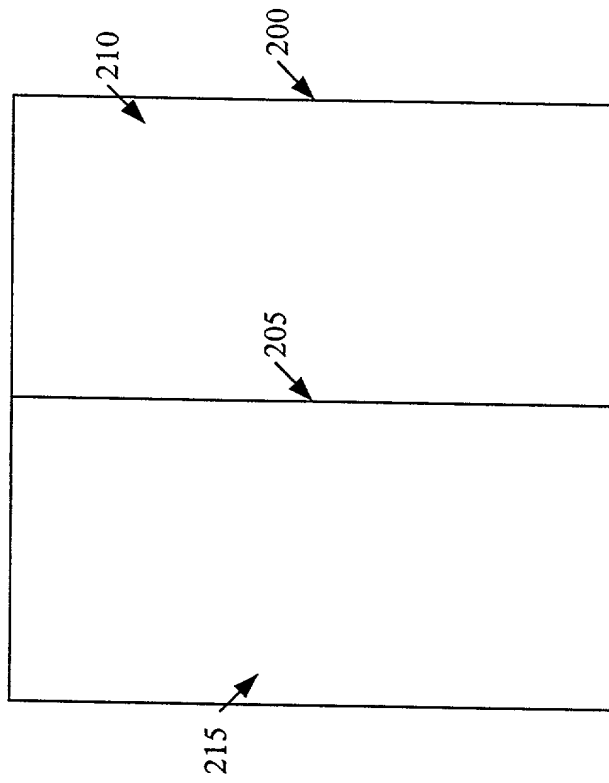


Figure 2

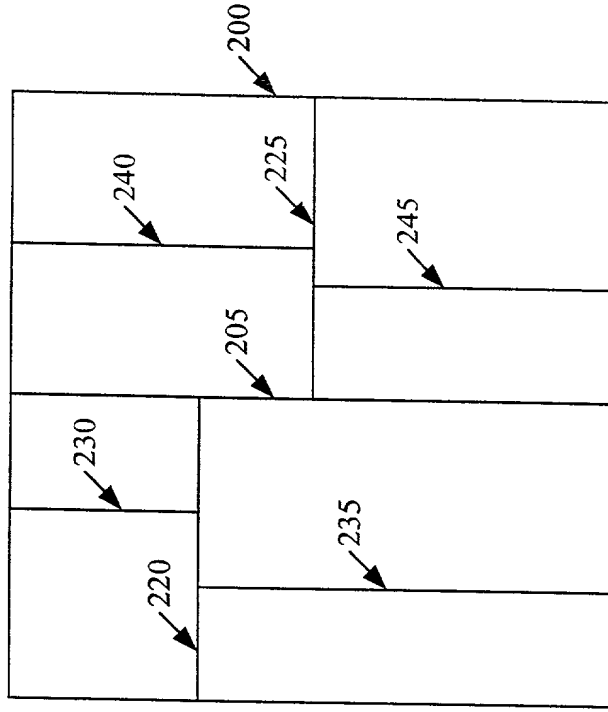


Figure 3

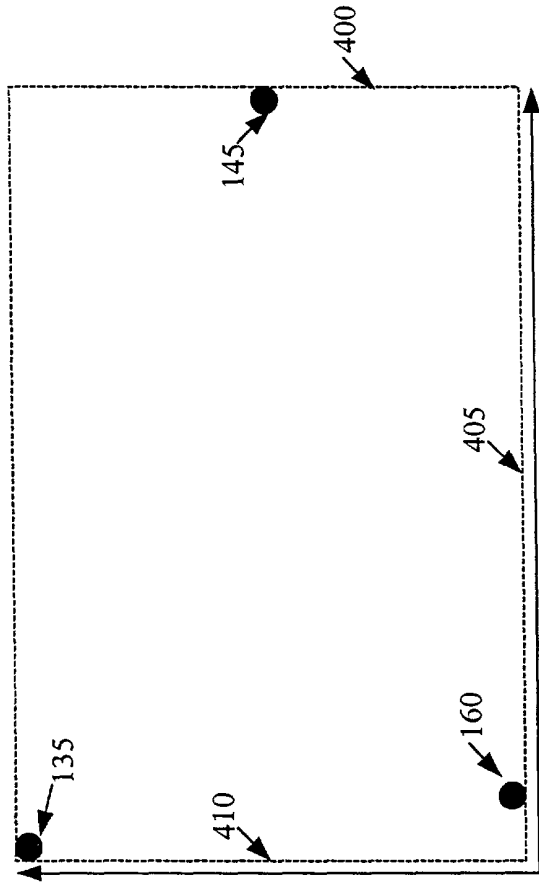


Figure 4

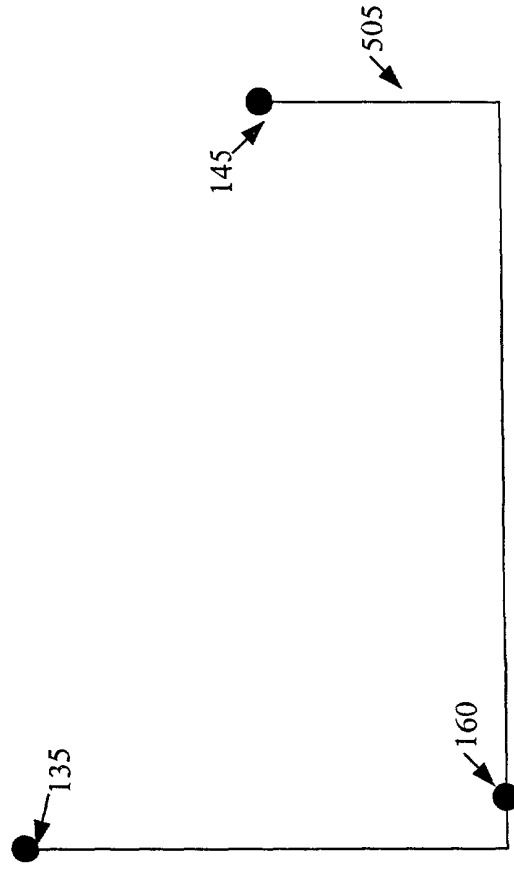


Figure 5

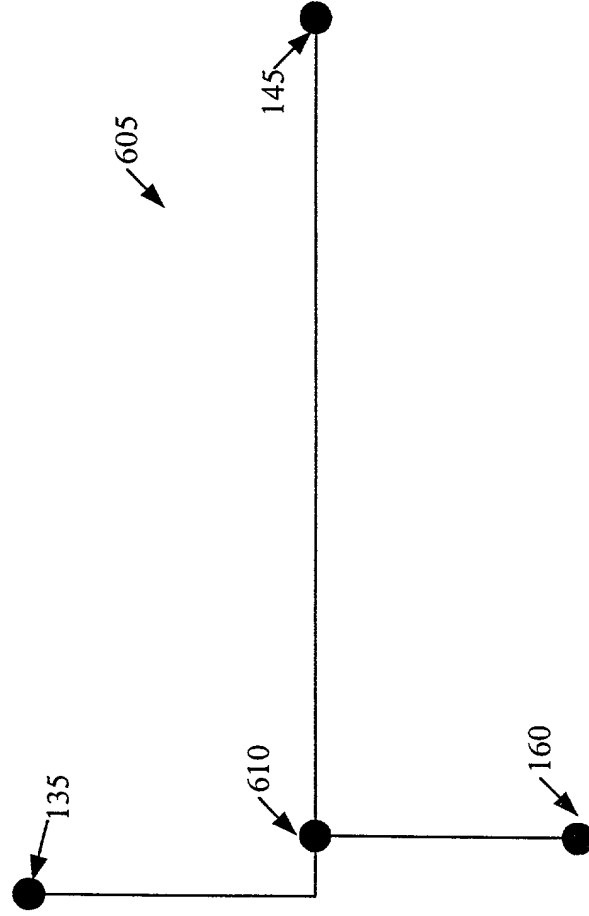


Figure 6

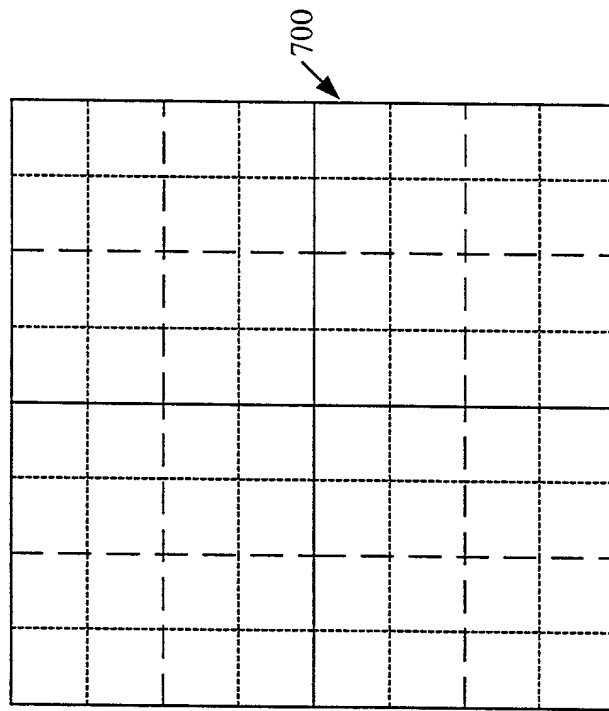


Figure 7

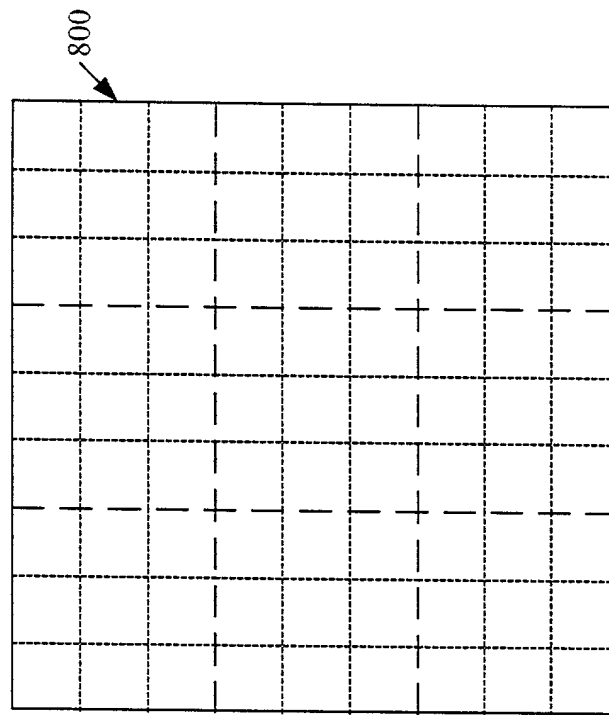


Figure 8

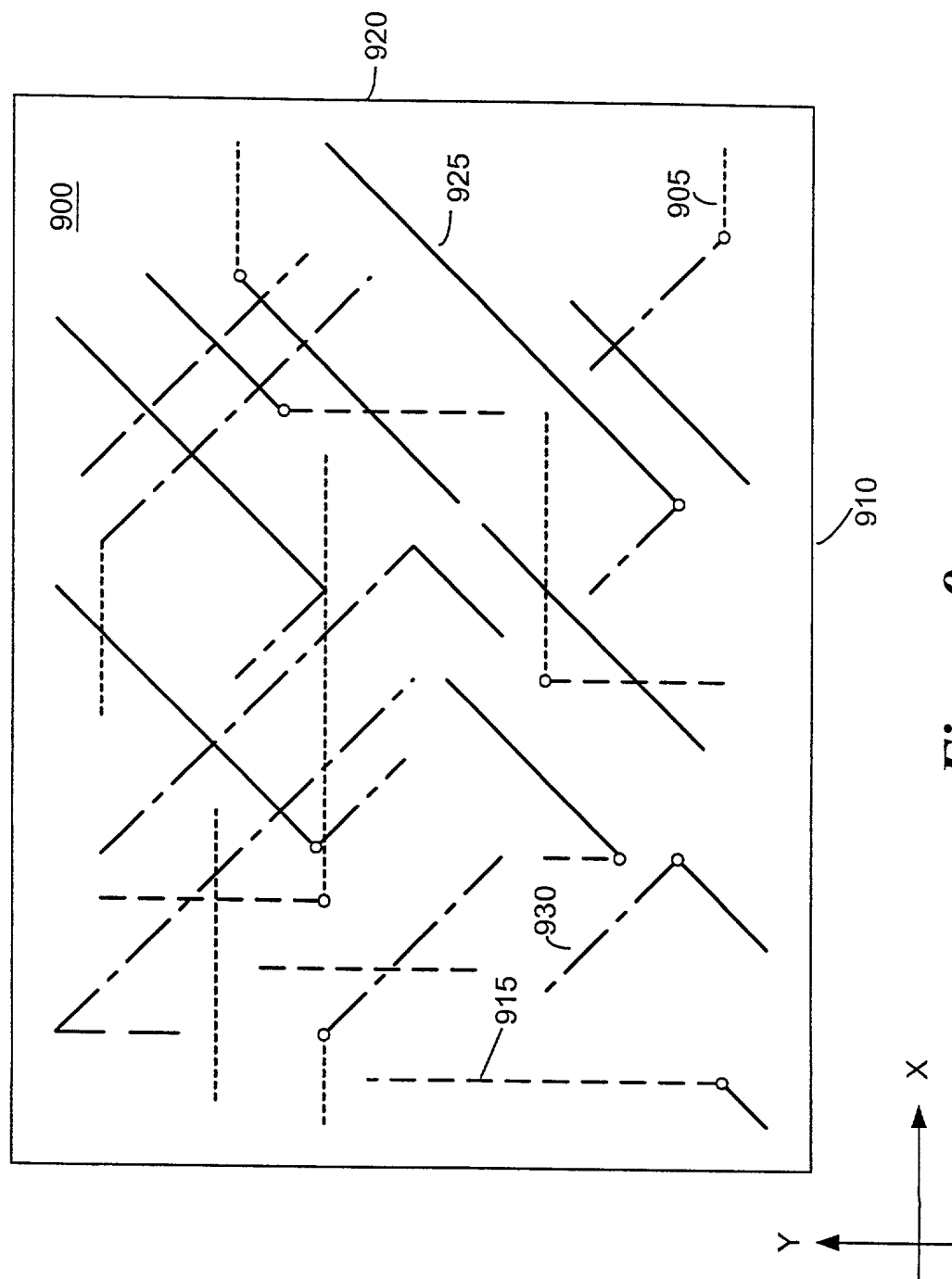
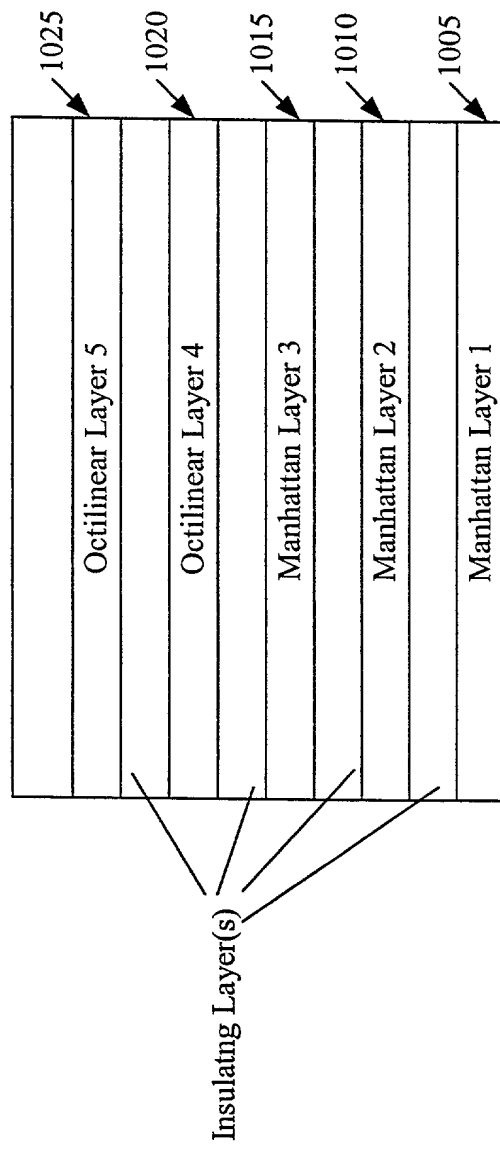
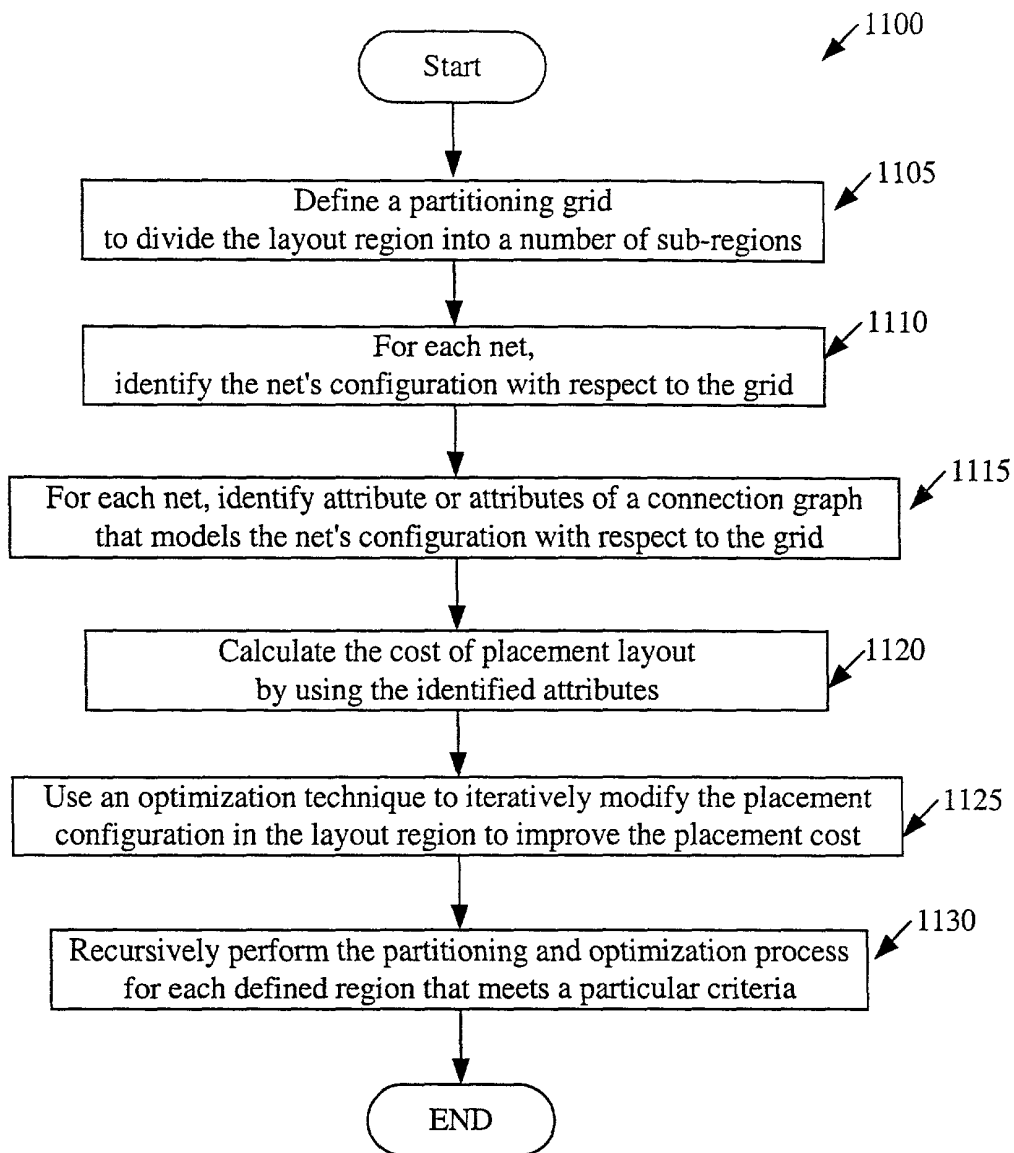


Figure 9

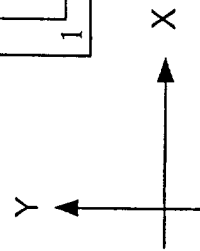
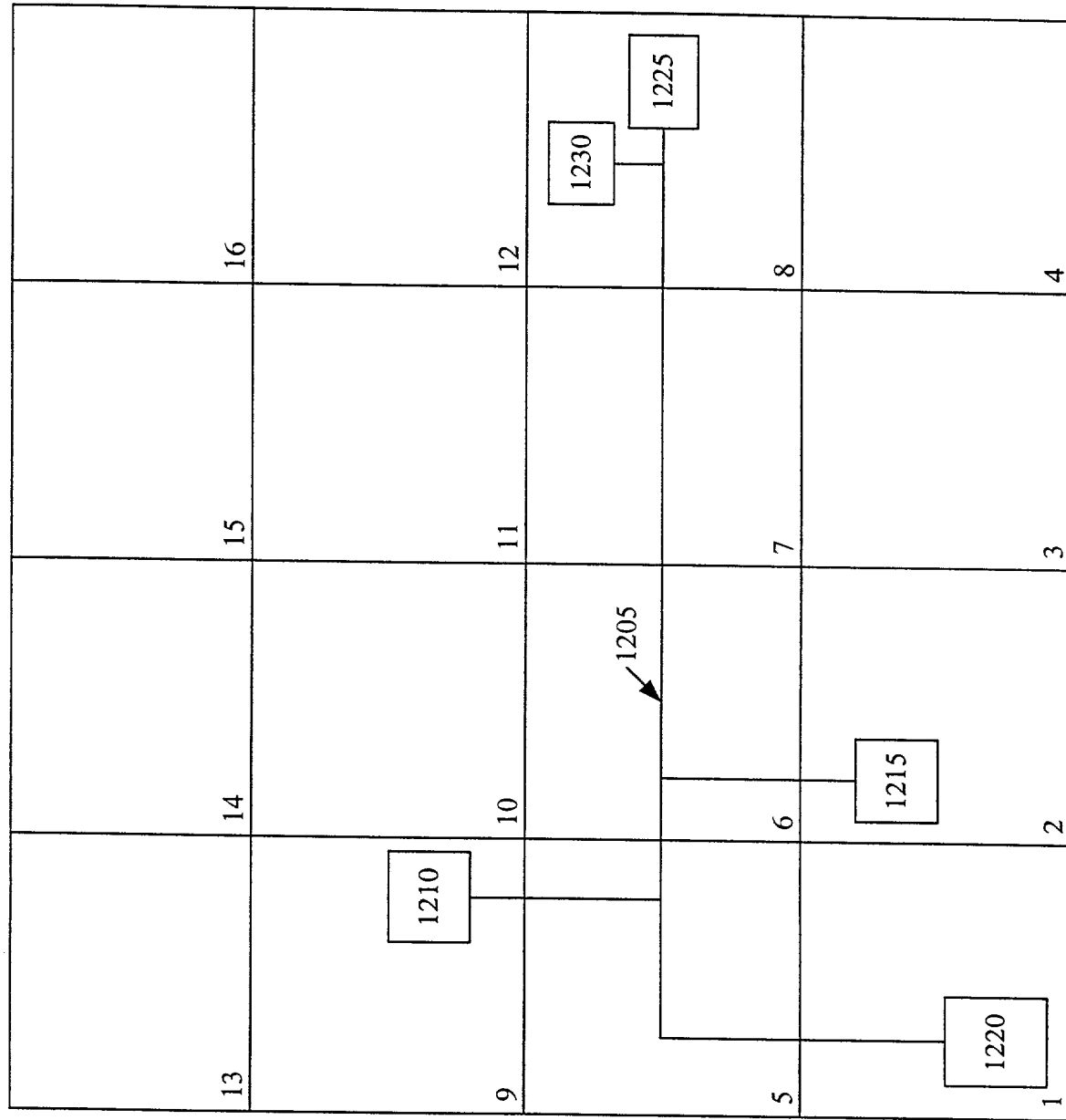


*Figure 10*

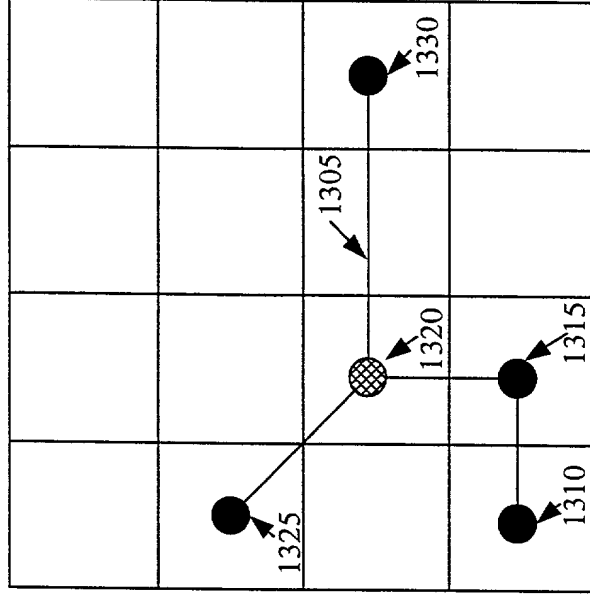


**Figure 11**

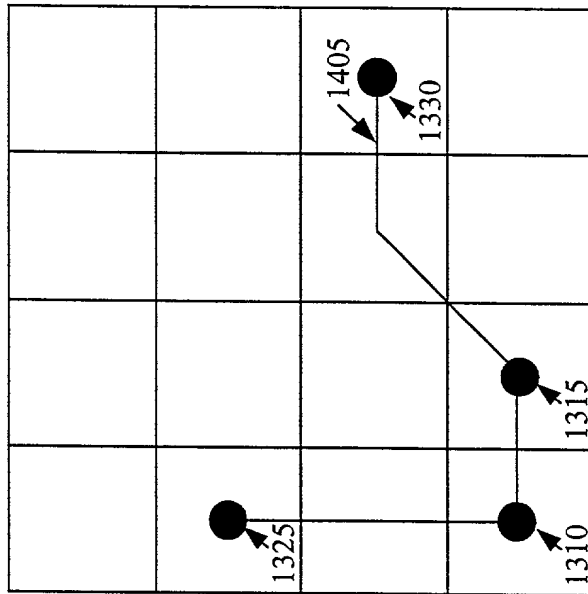




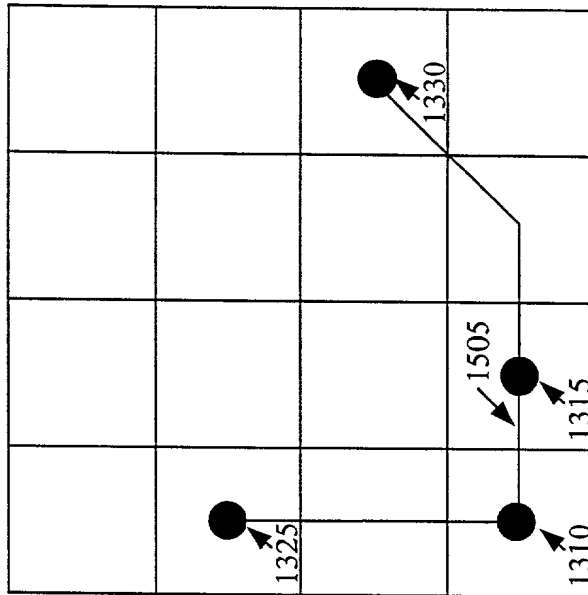
*Figure 12*



*Figure 13*



*Figure 14*



*Figure 15*

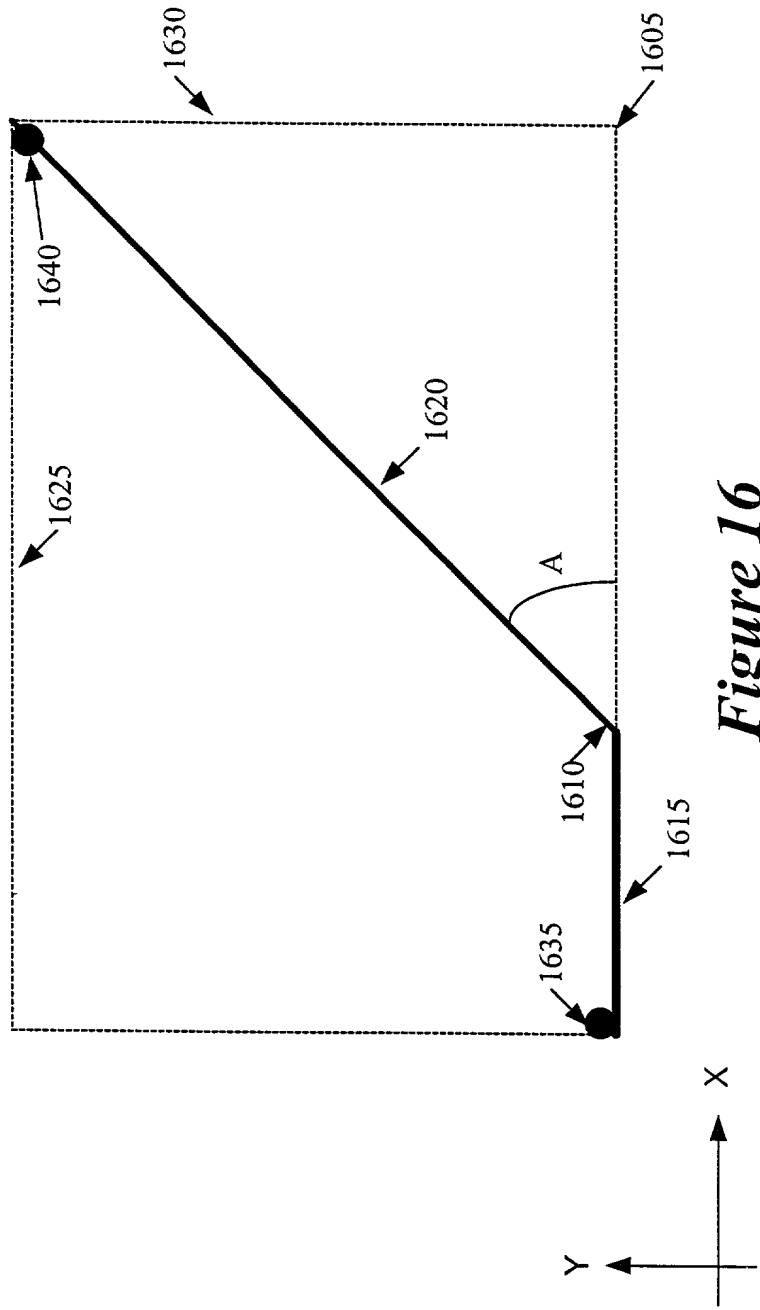
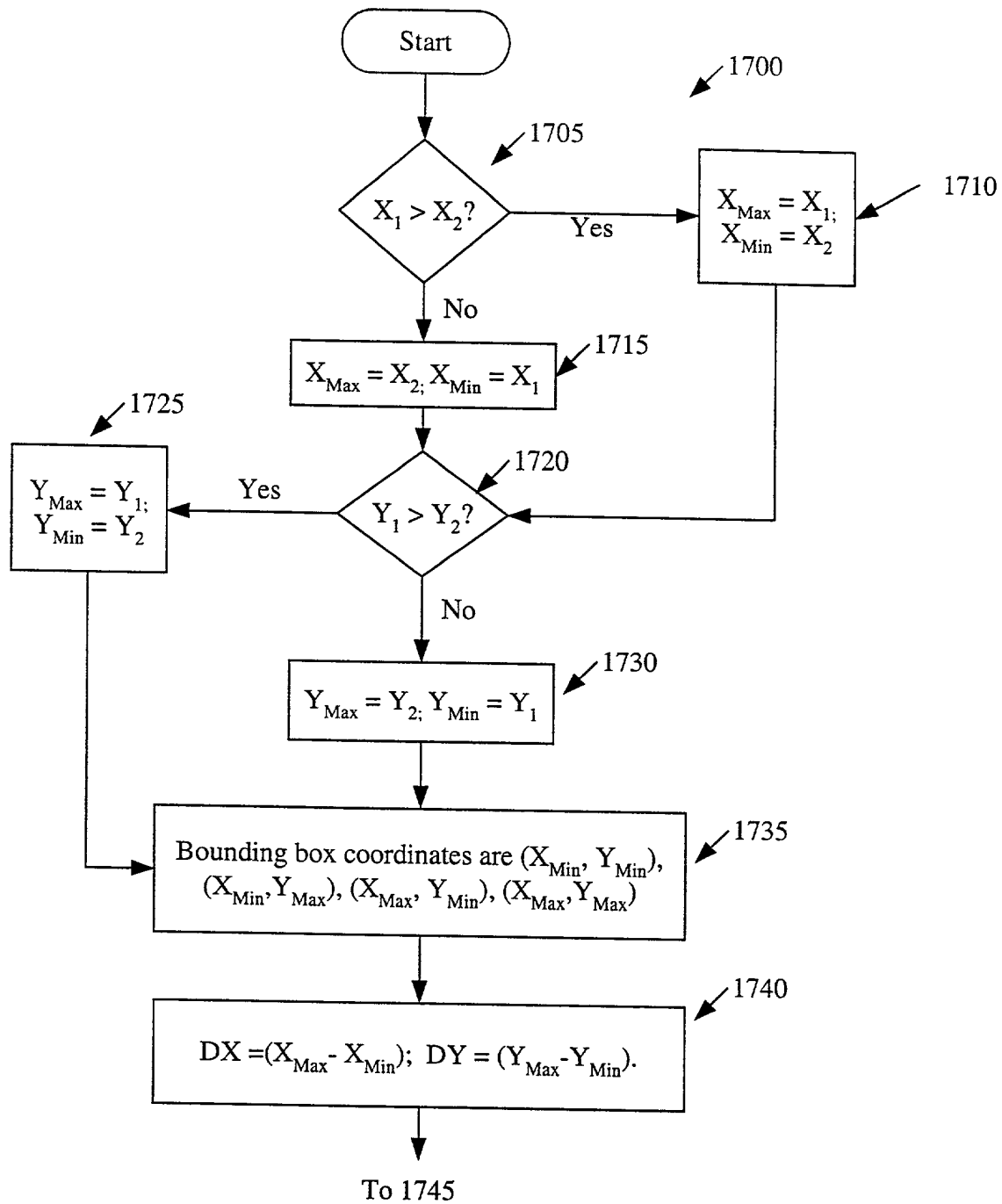
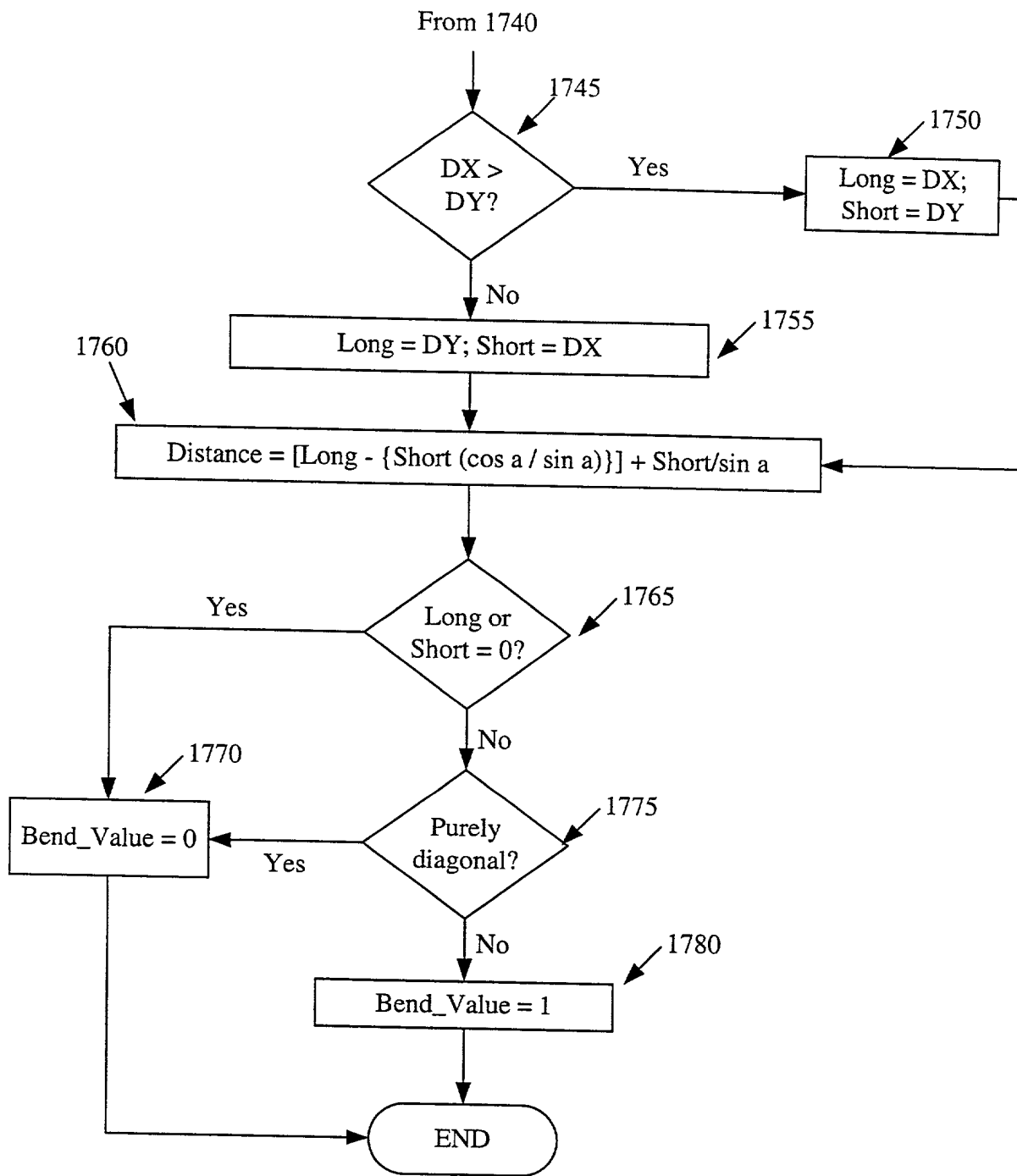


Figure 16

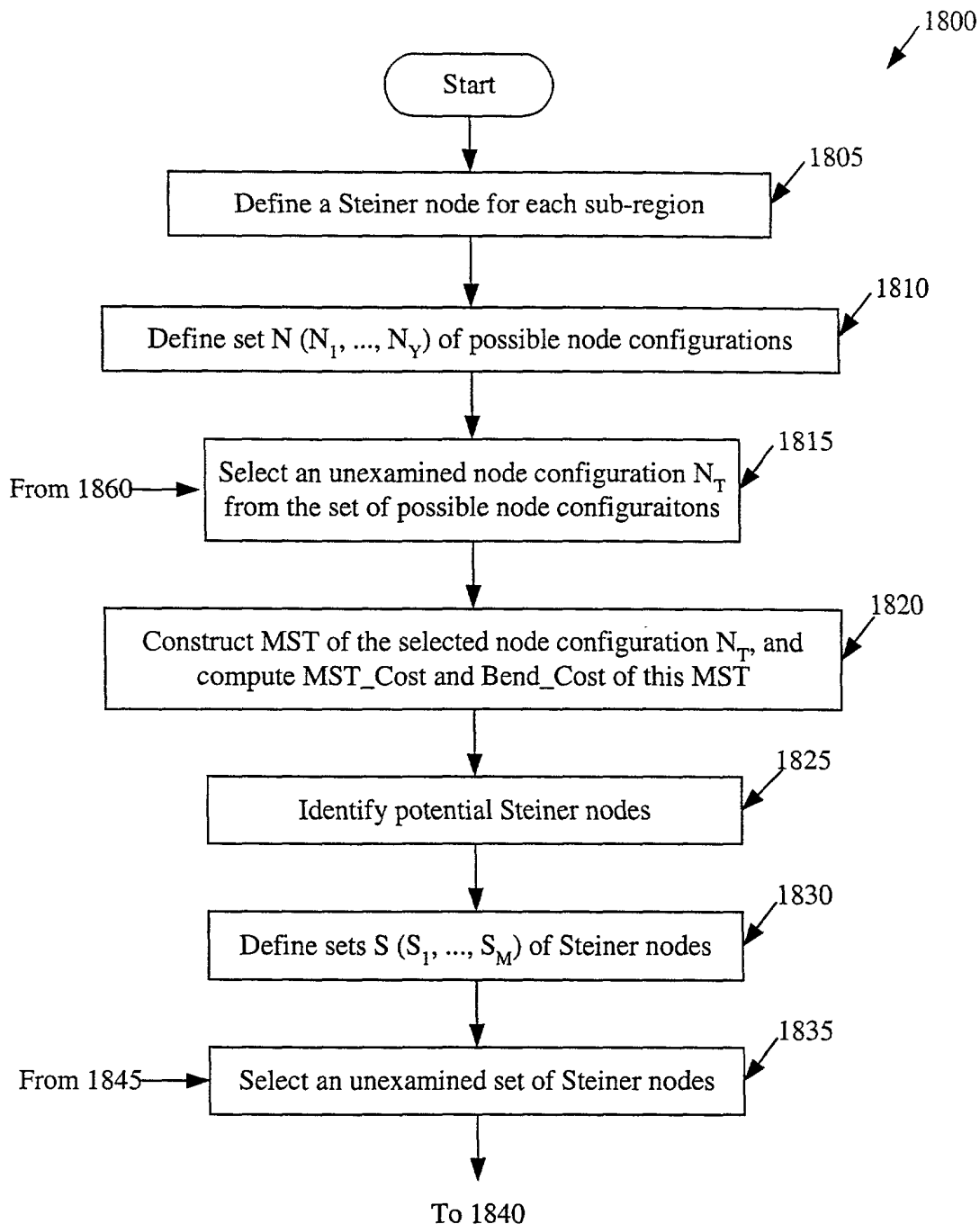


**Figure 17A**

**Figure 17:**  $\frac{\text{Figure 17A}}{\text{Figure 17B}}$

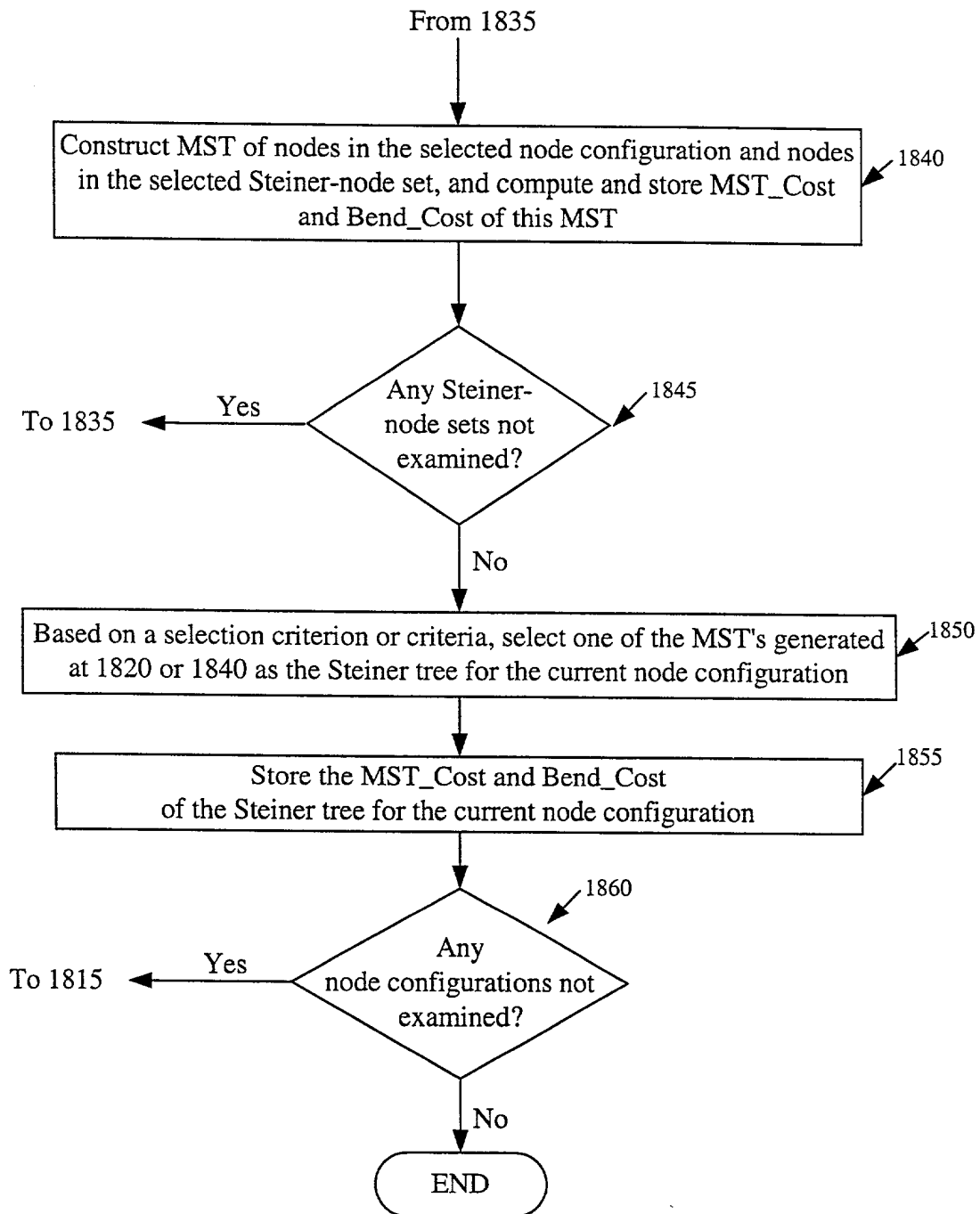


**Figure 17B**



**Figure 18A**

**Figure 18:**  $\frac{\text{Figure 18A}}{\text{Figure 18B}}$



**Figure 18B**

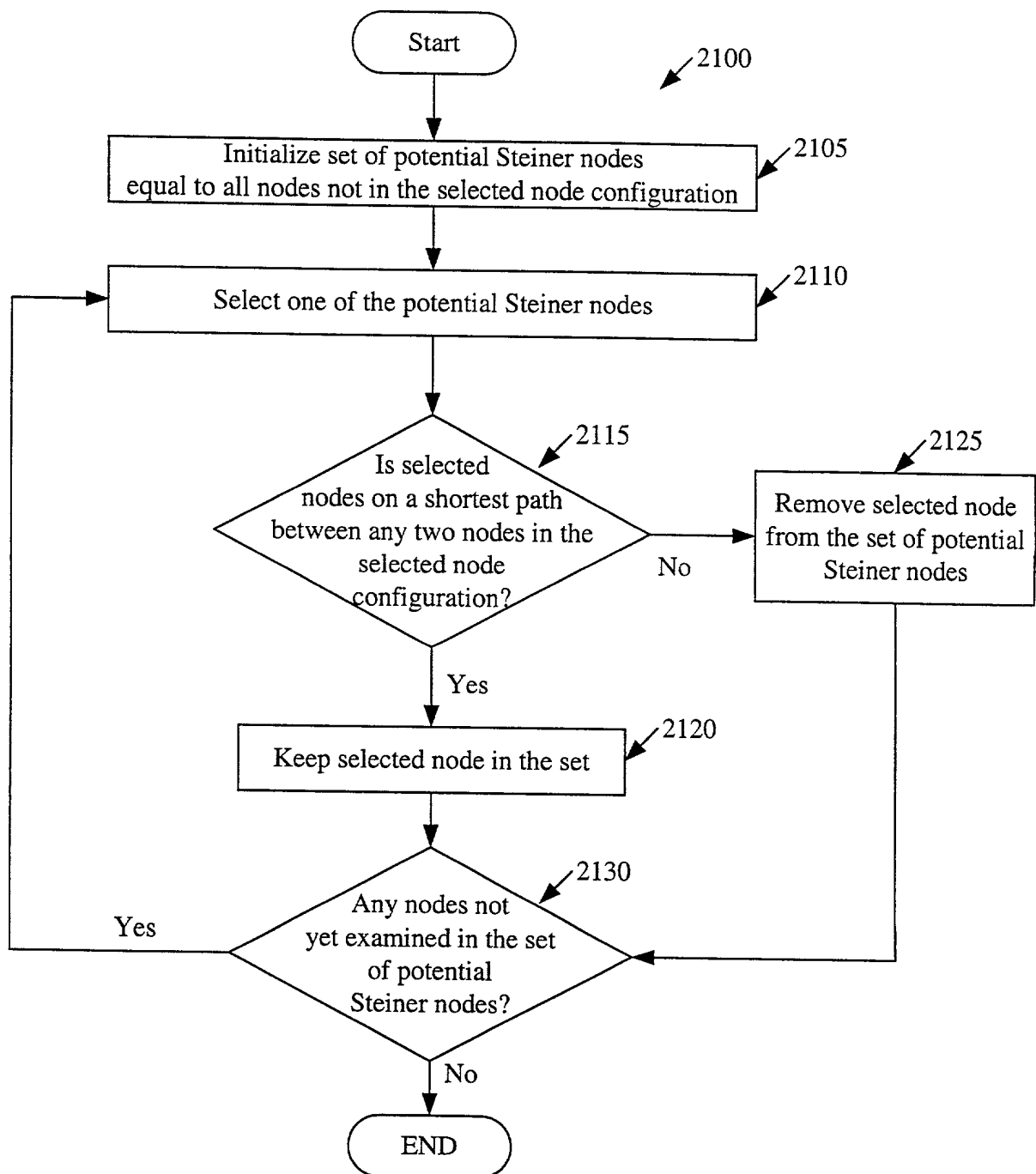


13	14	15	16
9	10	11	12
5	6	7	8
1	2	3	4

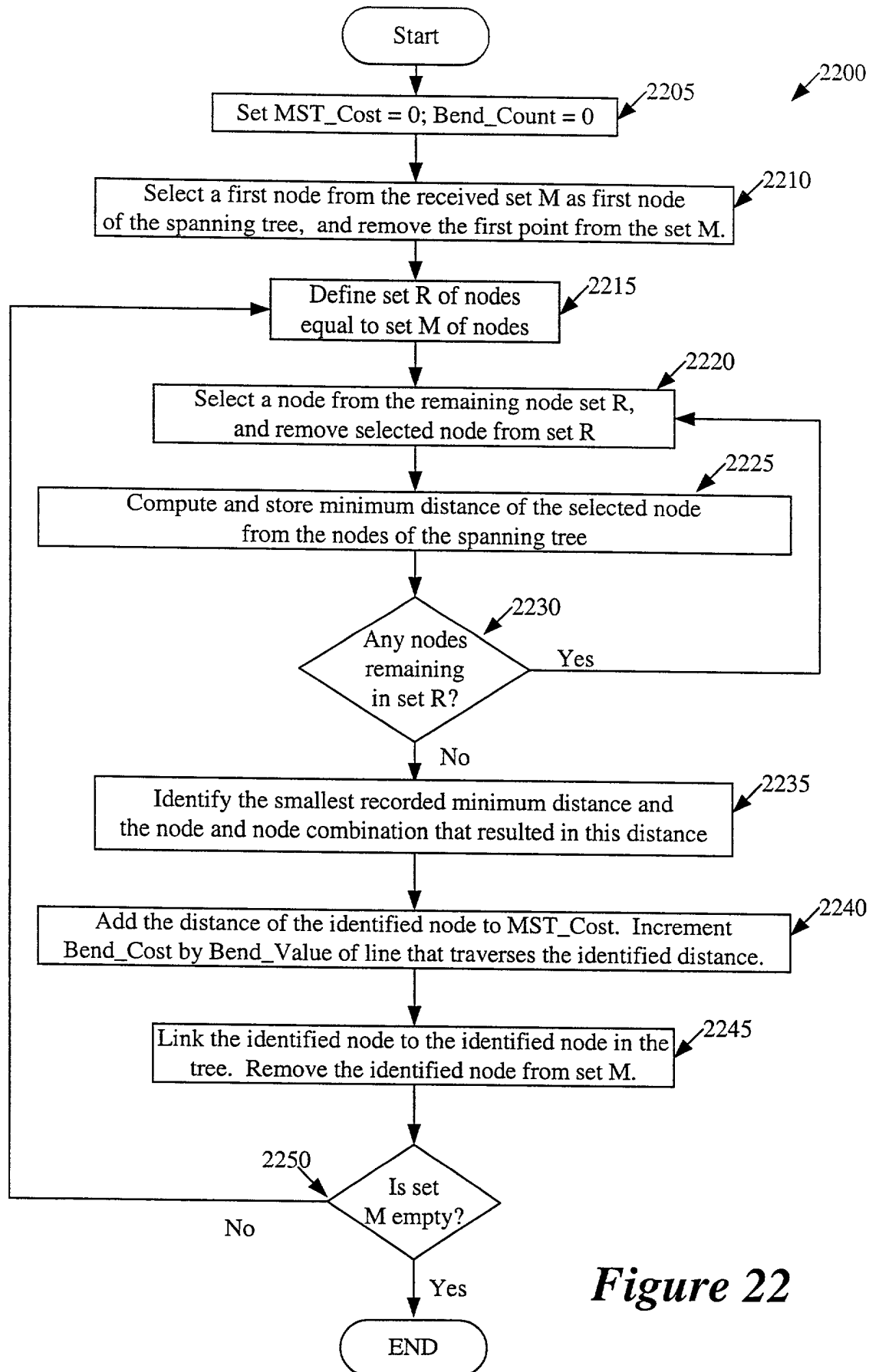
(X) 2055	(X) 2055	(X) 2055	(X) 2055
(S) 2010	(S) 2050	(S) 2050	(S) 2050
(S) 2050	(S) 2050	(S) 2050	(S) 2050
(S) 2015	(S) 2020	(S) 2050	(S) 2050

2005

Figure 20



**Figure 21**



**Figure 22**

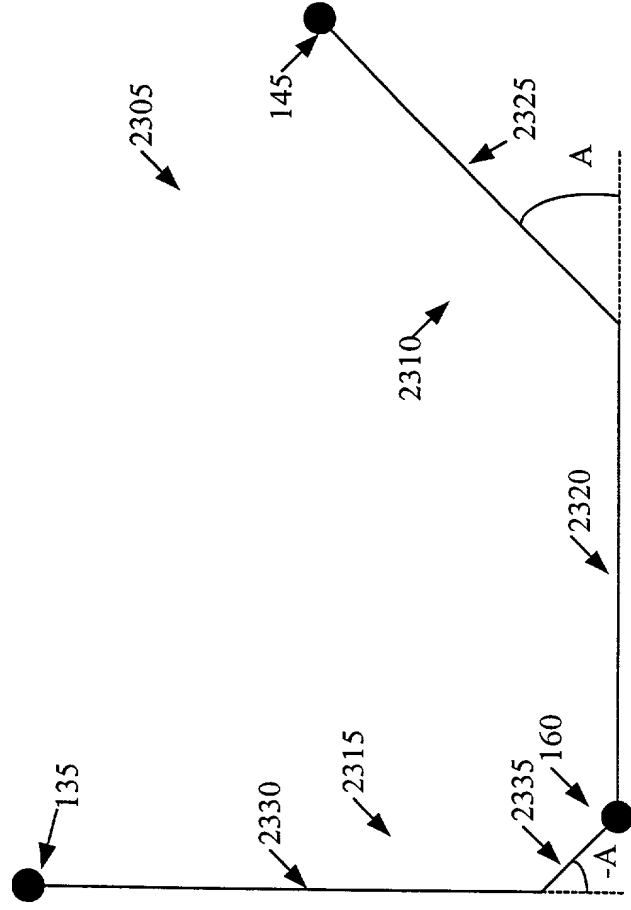


Figure 23

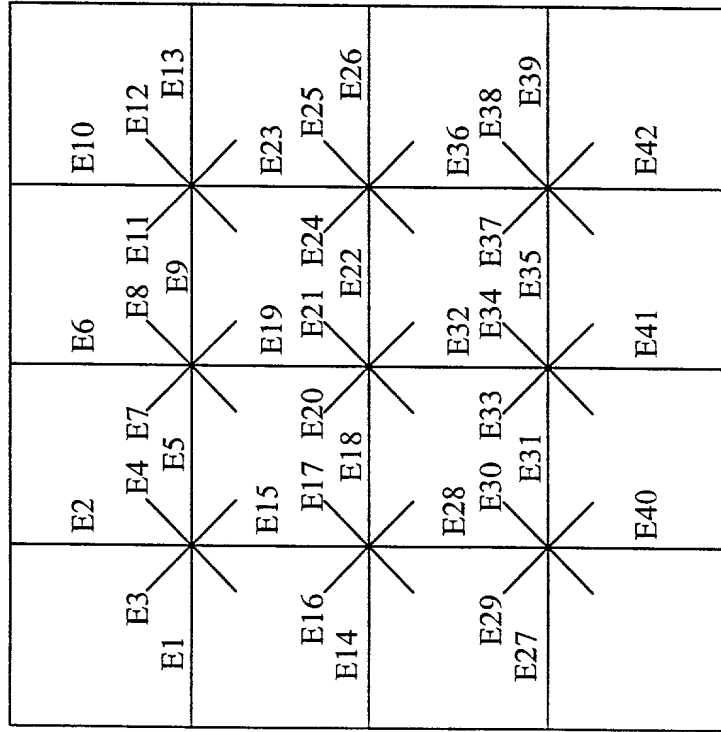


Figure 24

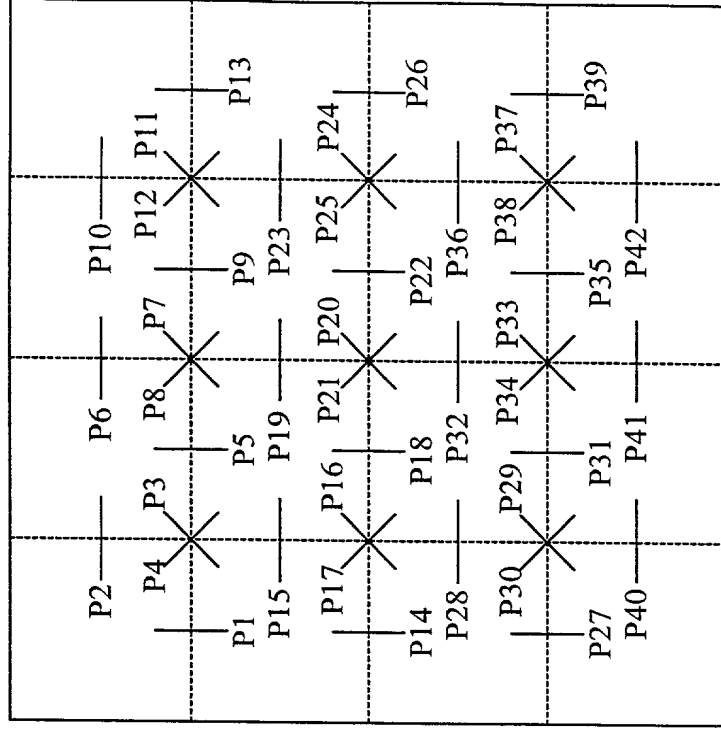


Figure 25

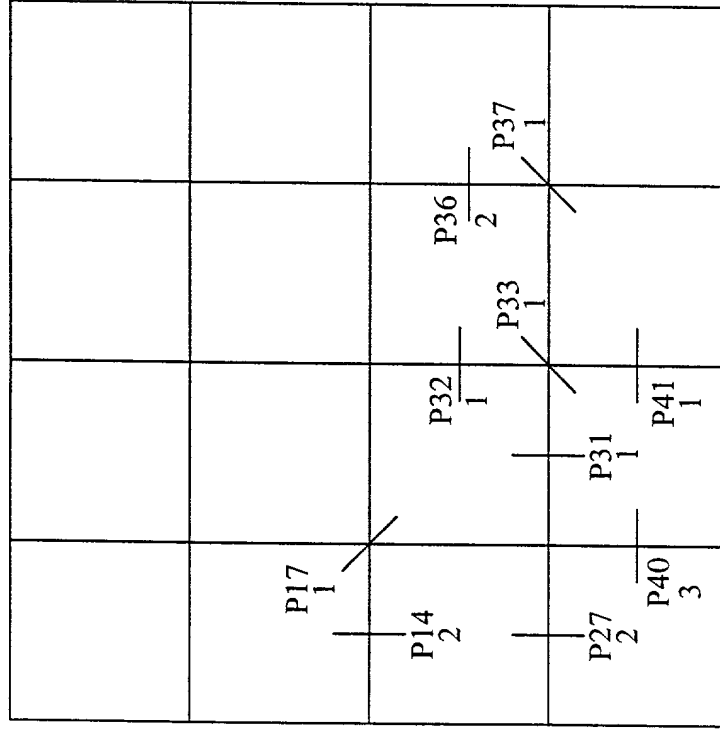


Figure 26

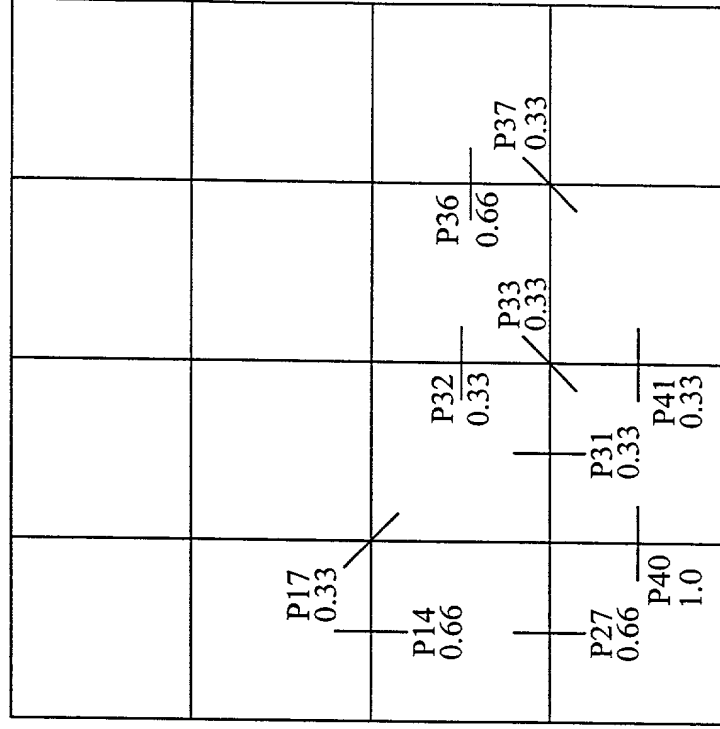
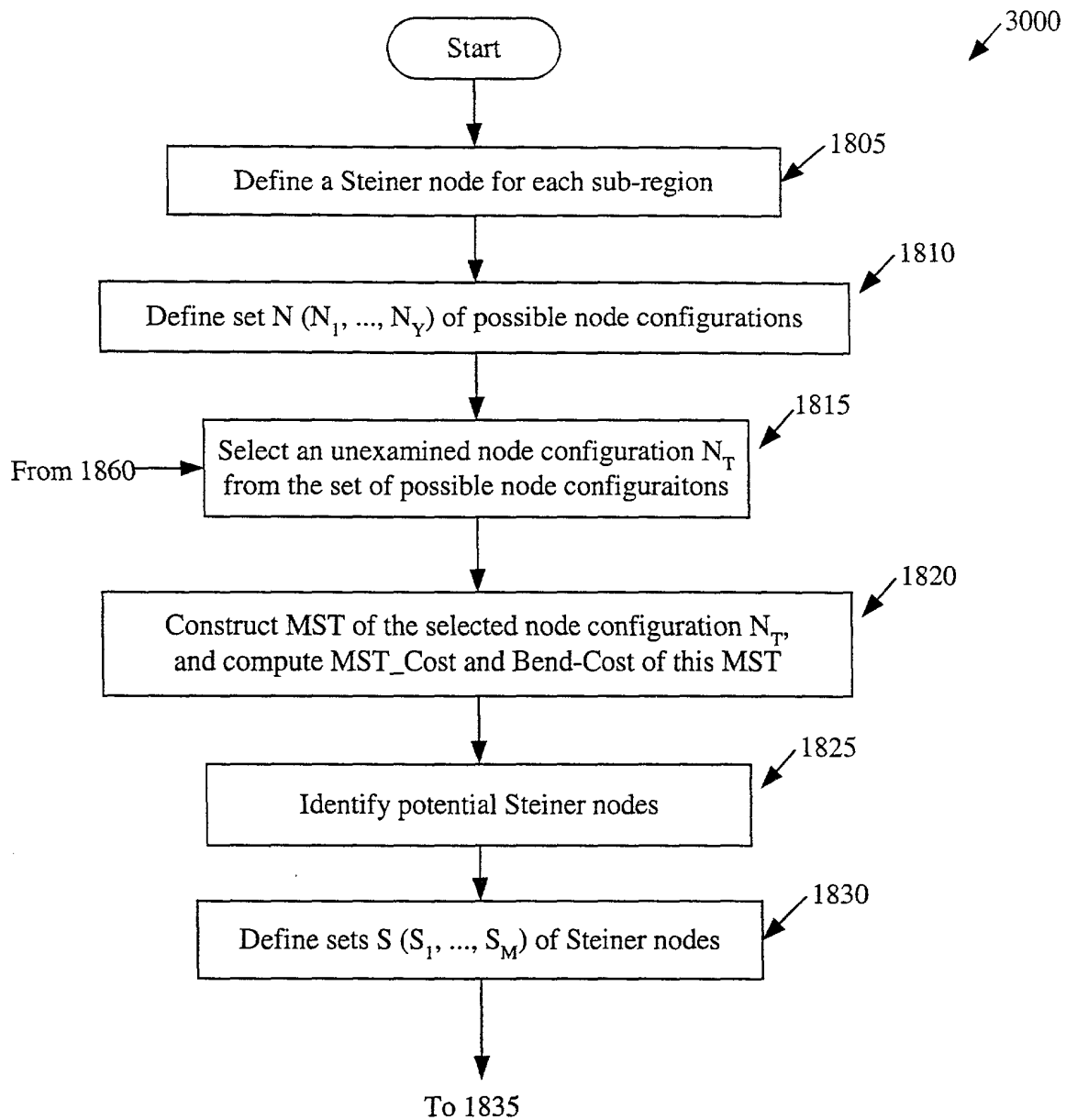


Figure 27

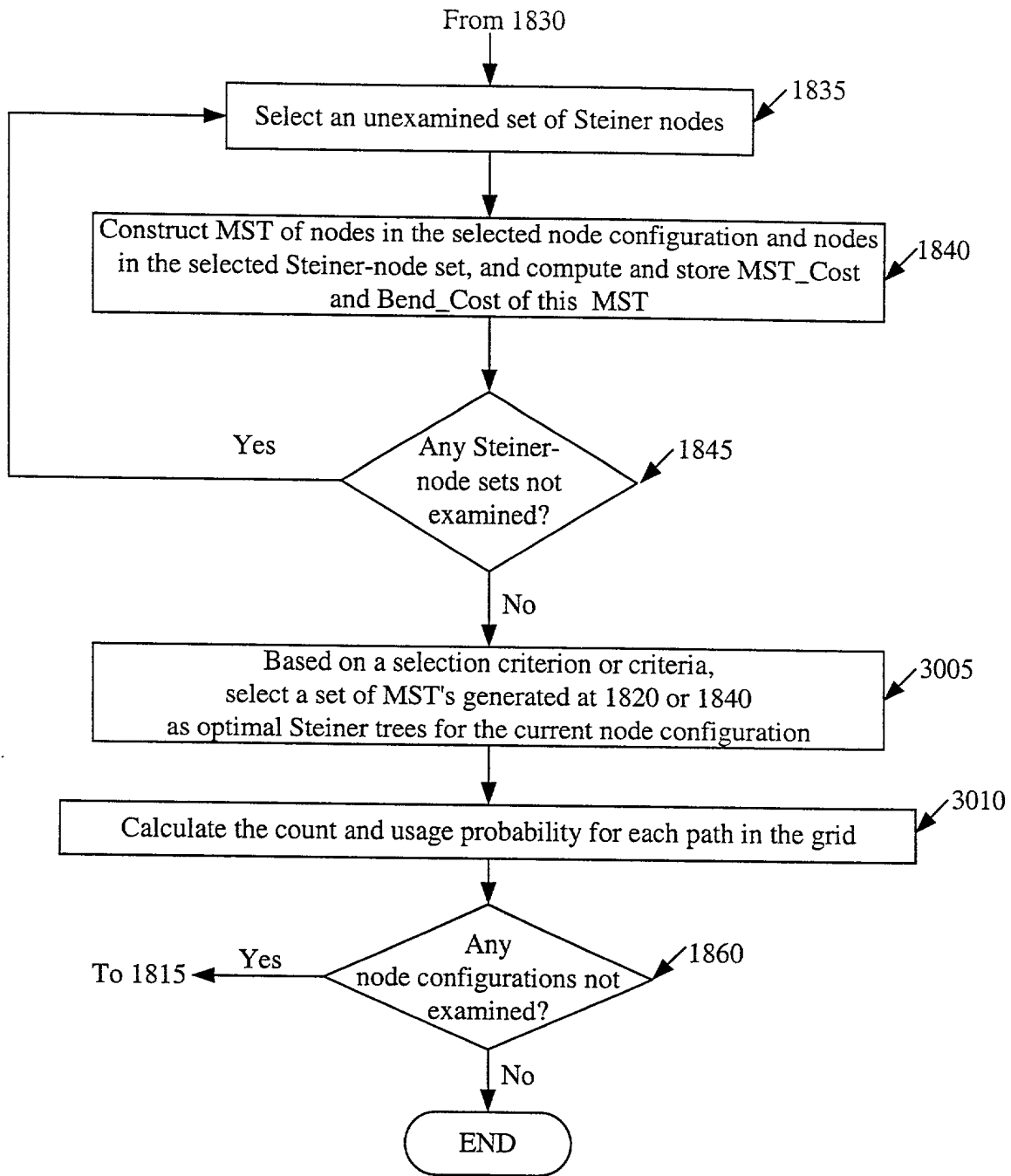
		E17 0.33			
		E14 0.66	E32 0.33	E36 0.66	
			E31 0.33	E33 0.33	E37 0.33
			E27 0.66	E40 1.0	E41 0.33



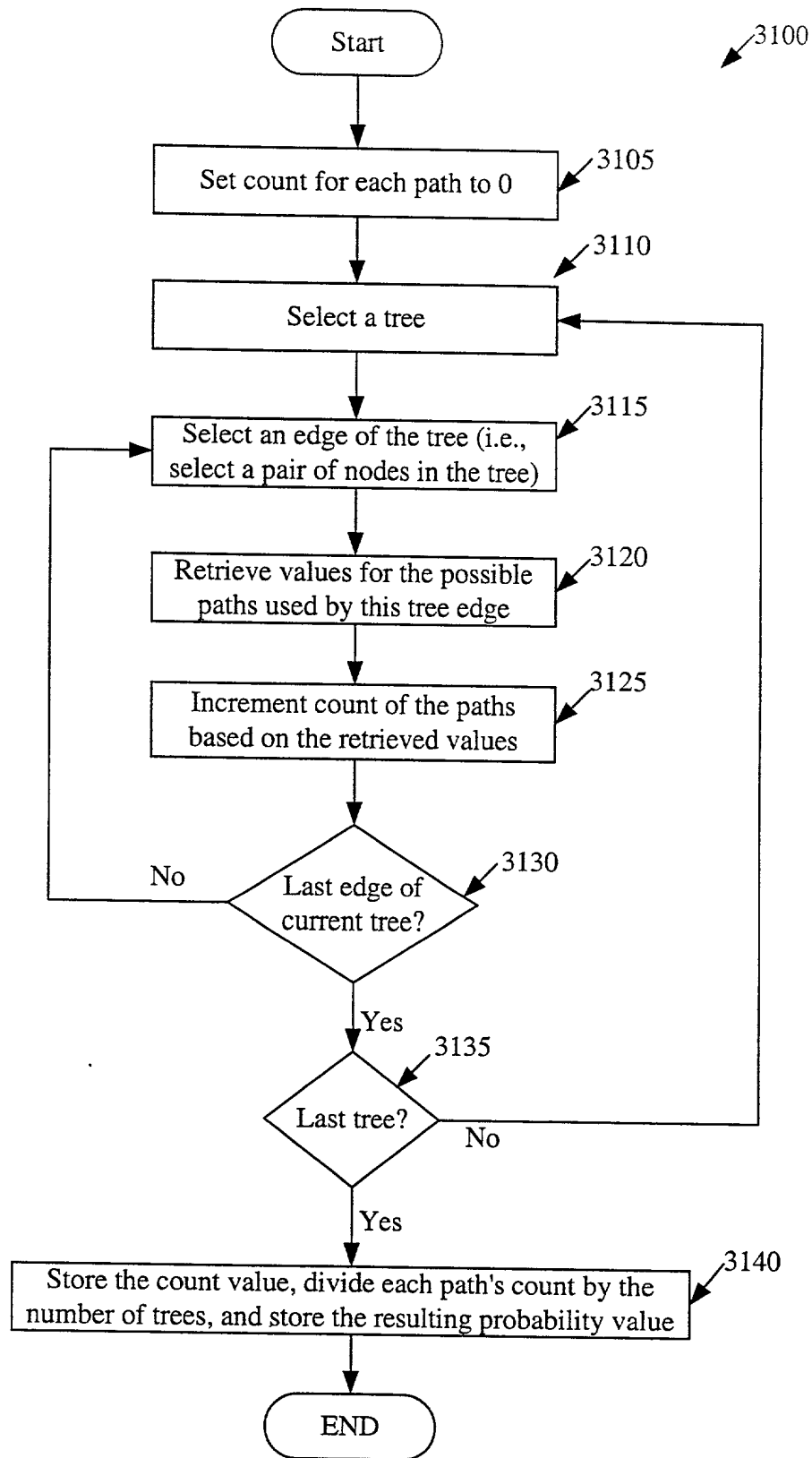


**Figure 30A**

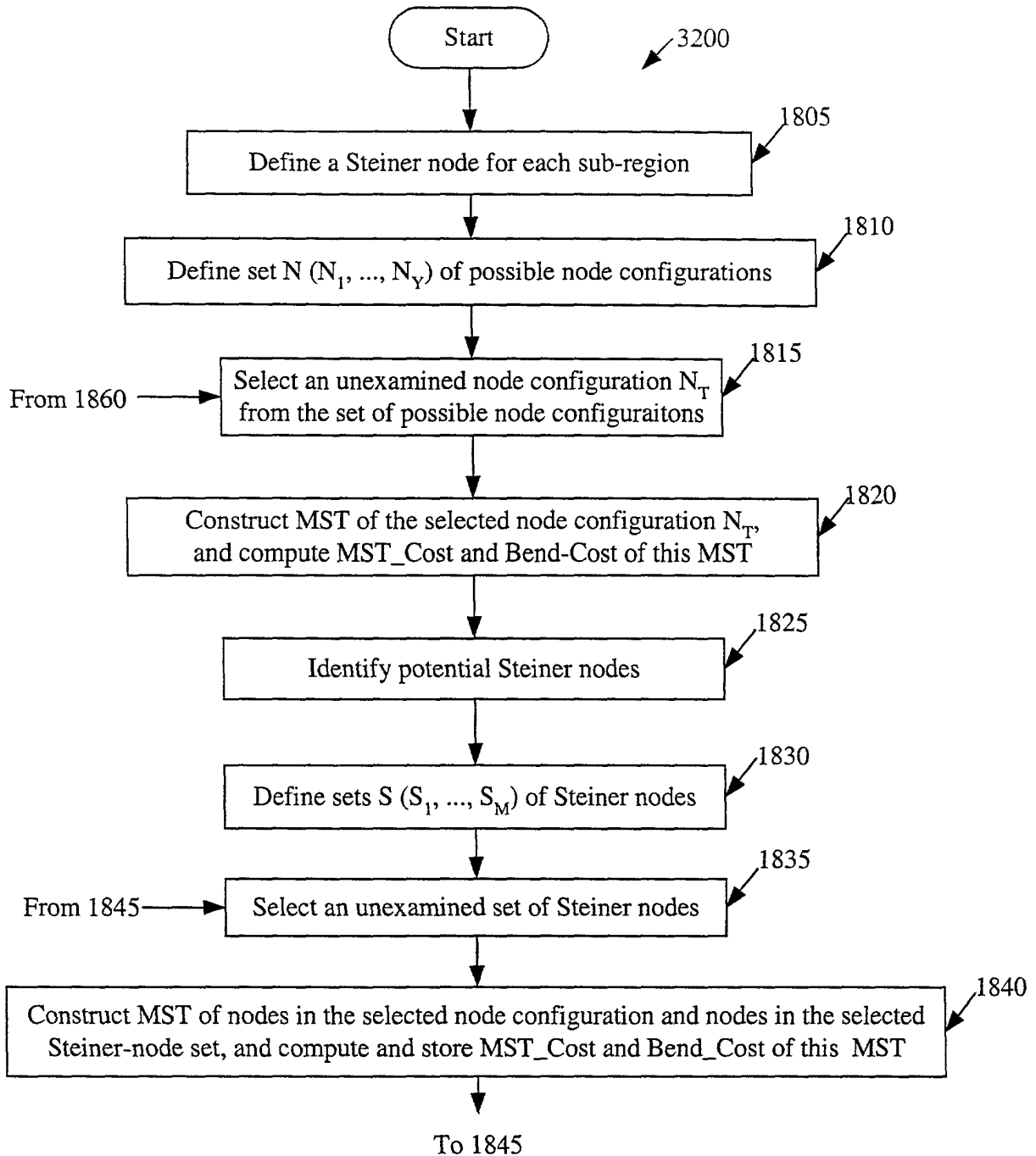
**Figure 30:**  $\frac{\text{Figure 30A}}{\text{Figure 30B}}$



**Figure 30B**

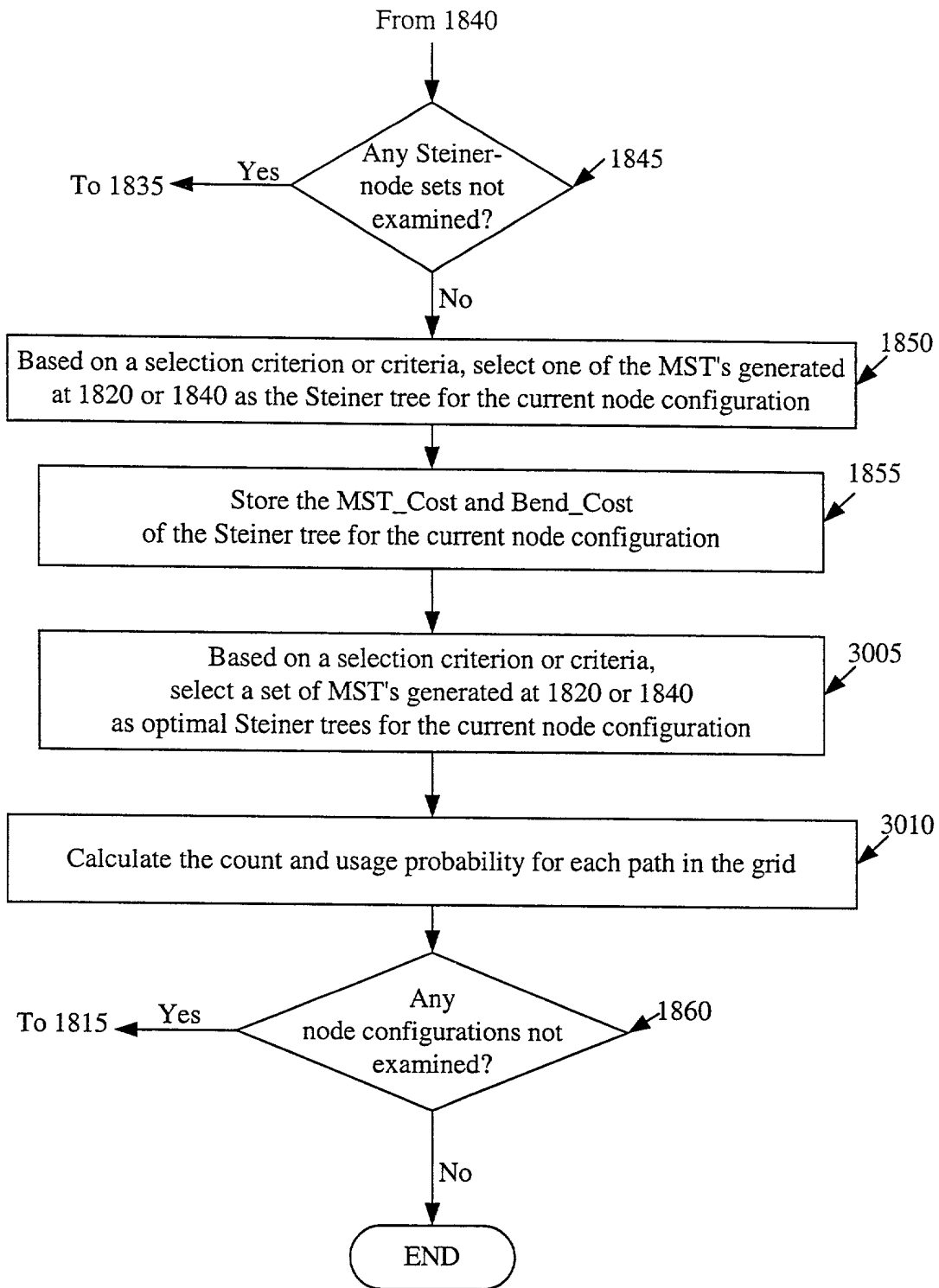


**Figure 31**

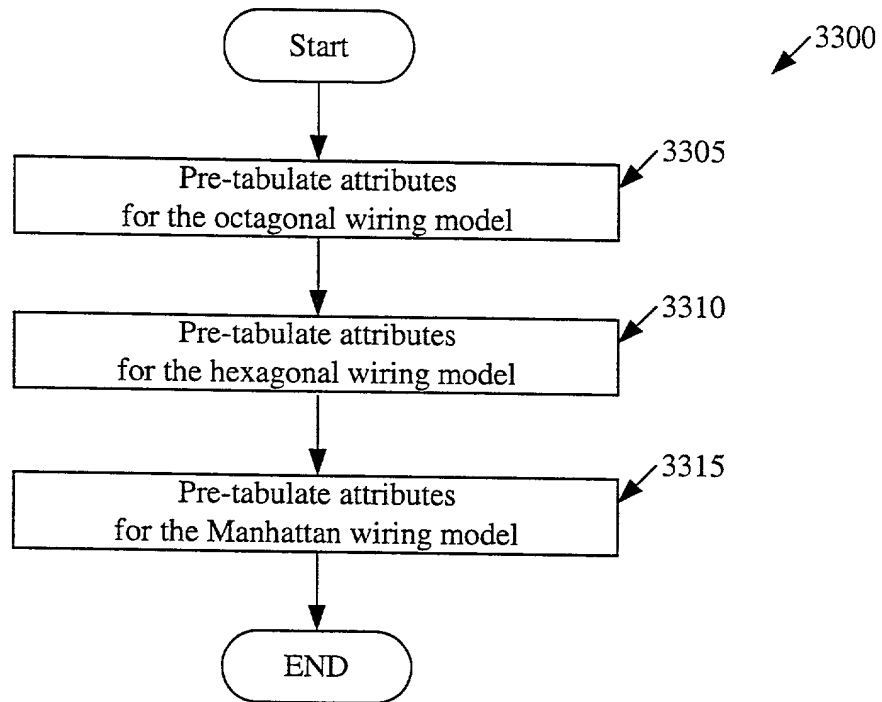


**Figure 32A**

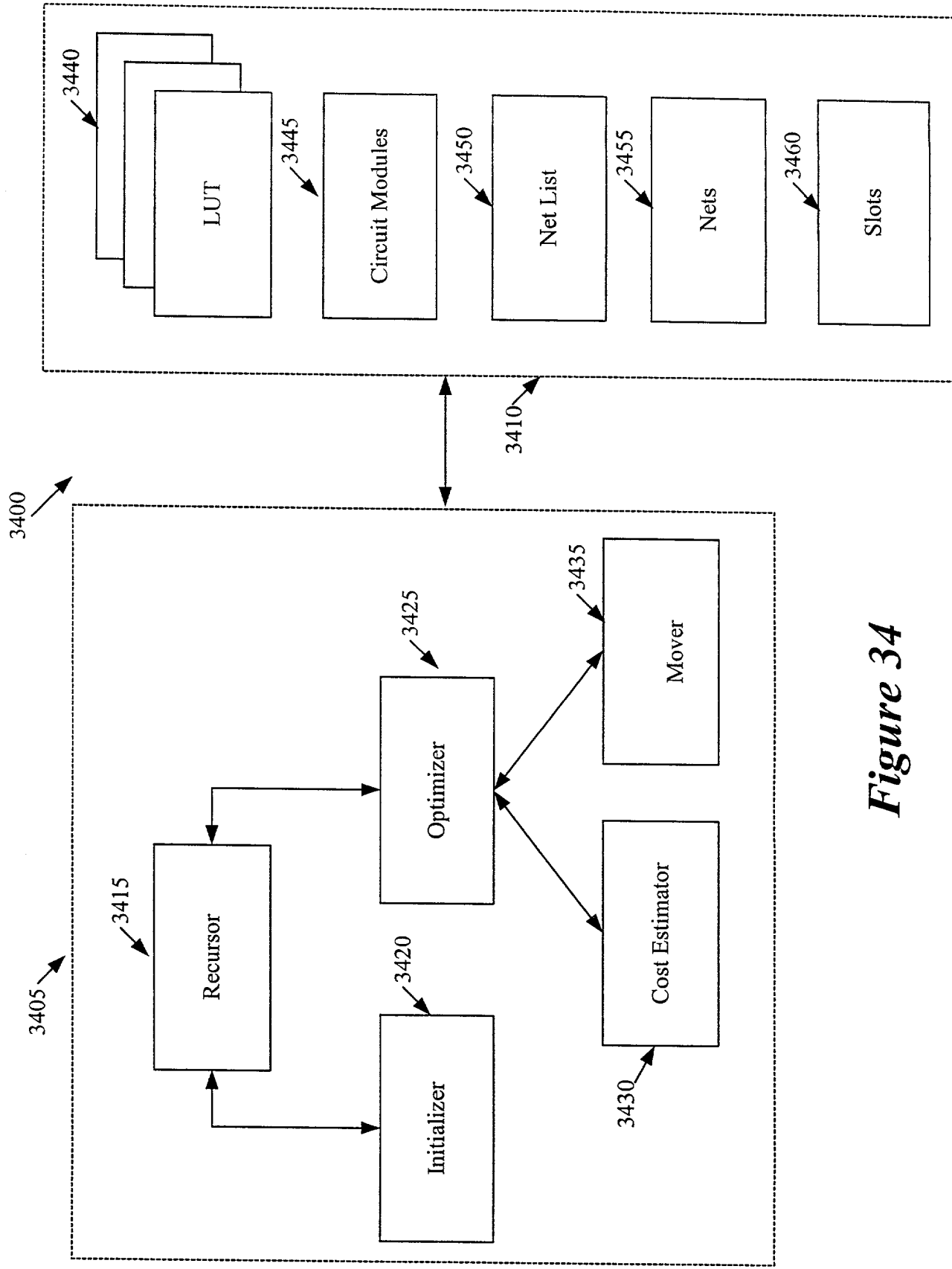
**Figure 32:**  $\frac{\text{Figure 32A}}{\text{Figure 32B}}$



**Figure 32B**



*Figure 33*



**Figure 34**

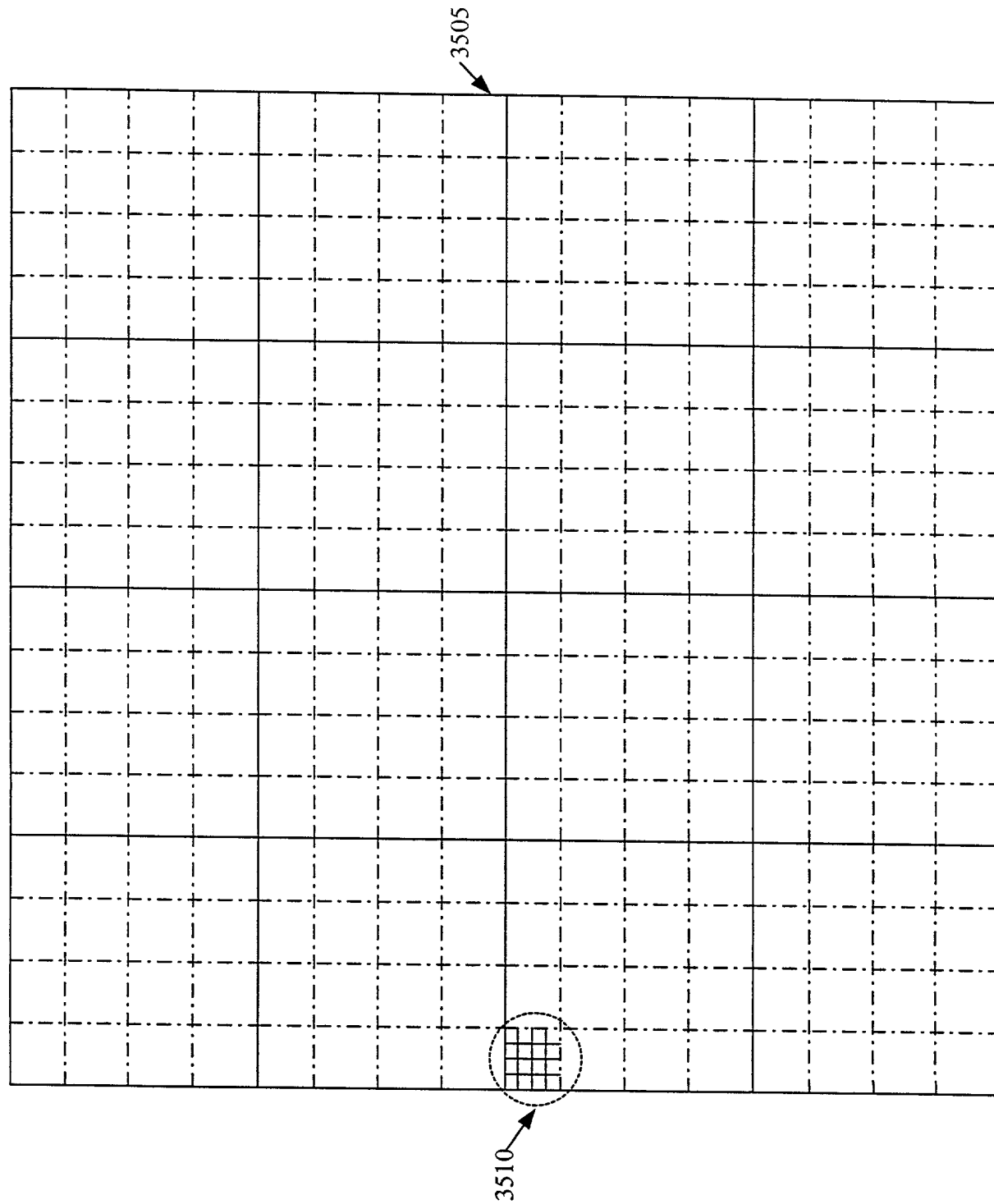


Figure 35



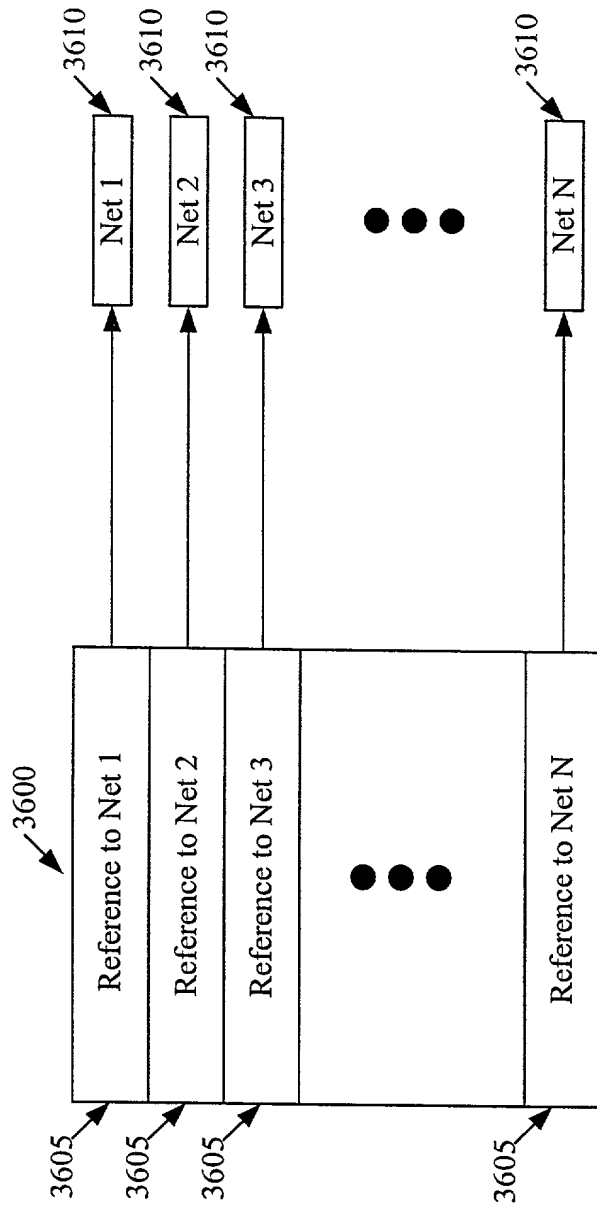


Figure 36

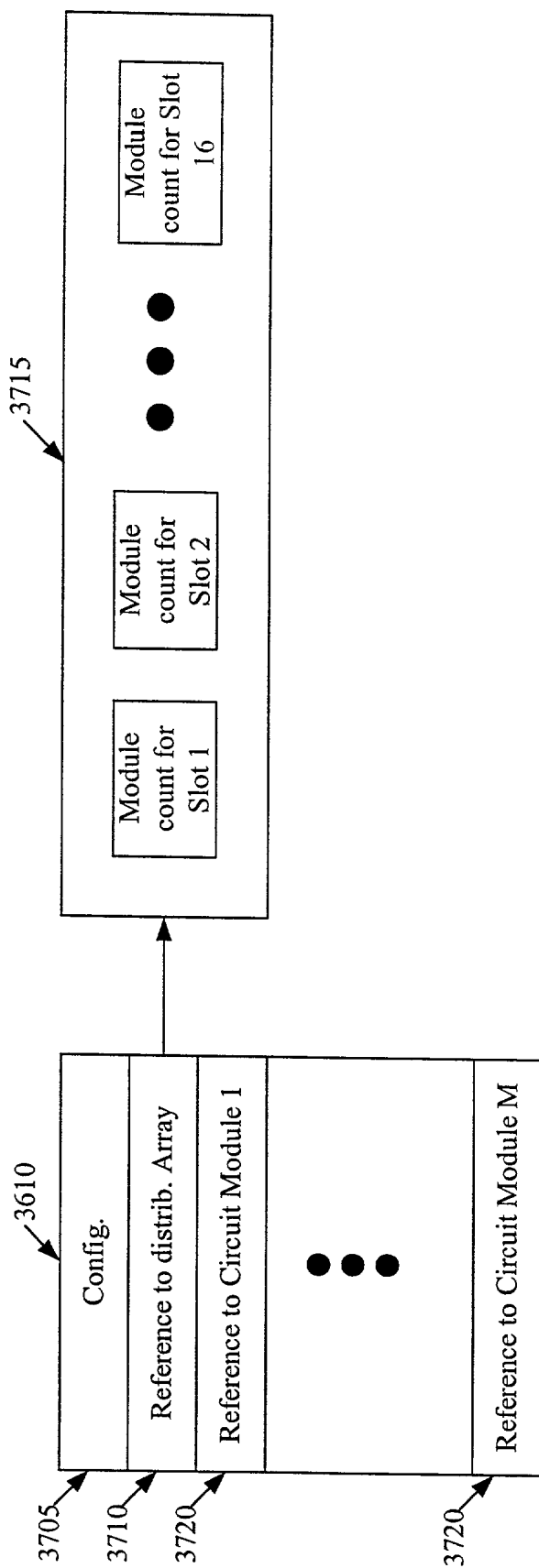


Figure 37

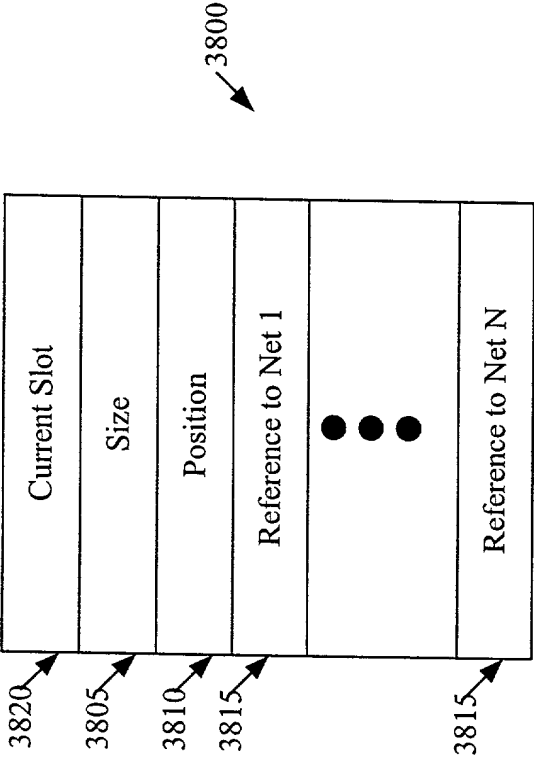


Figure 38

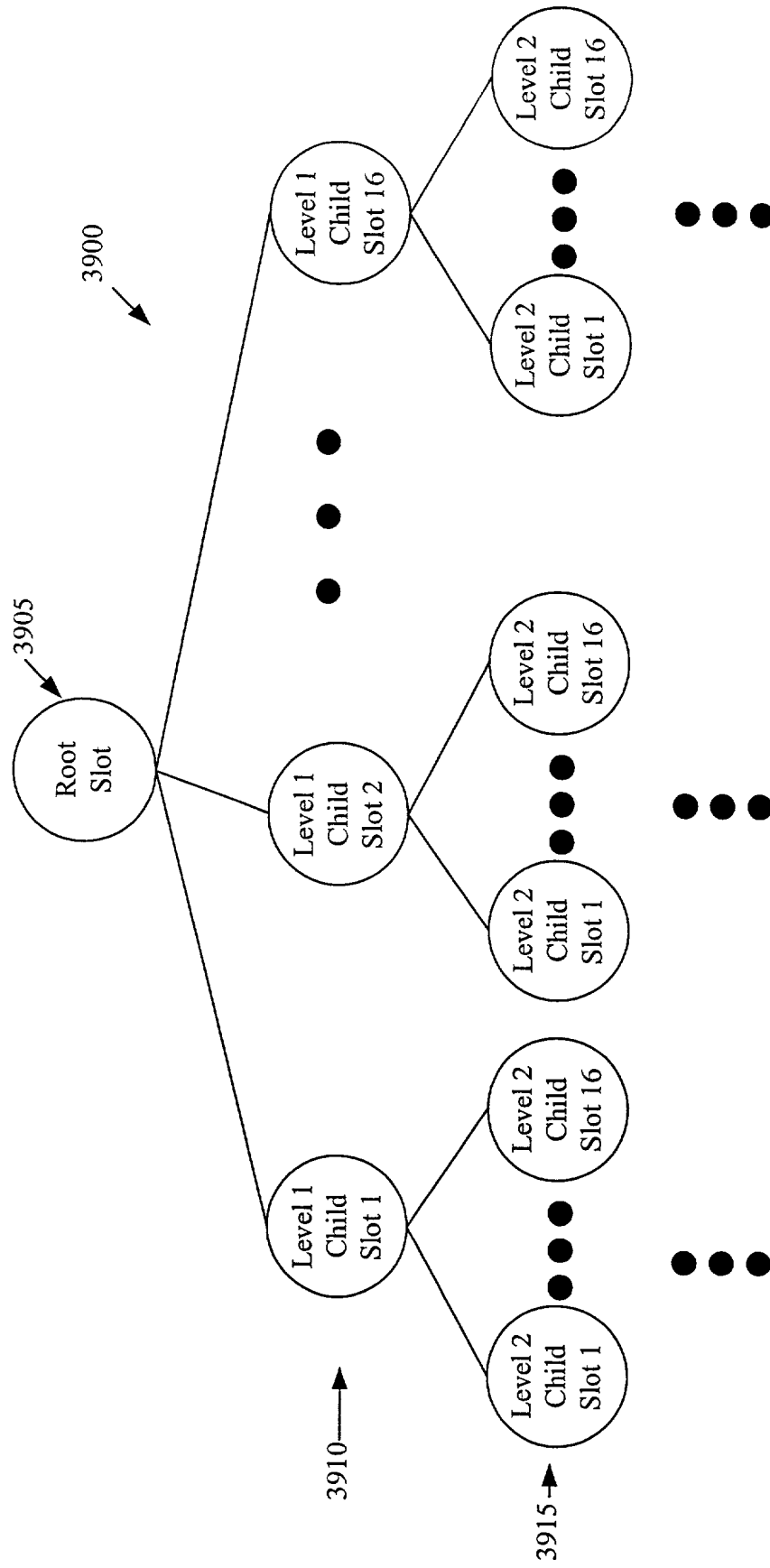


Figure 39

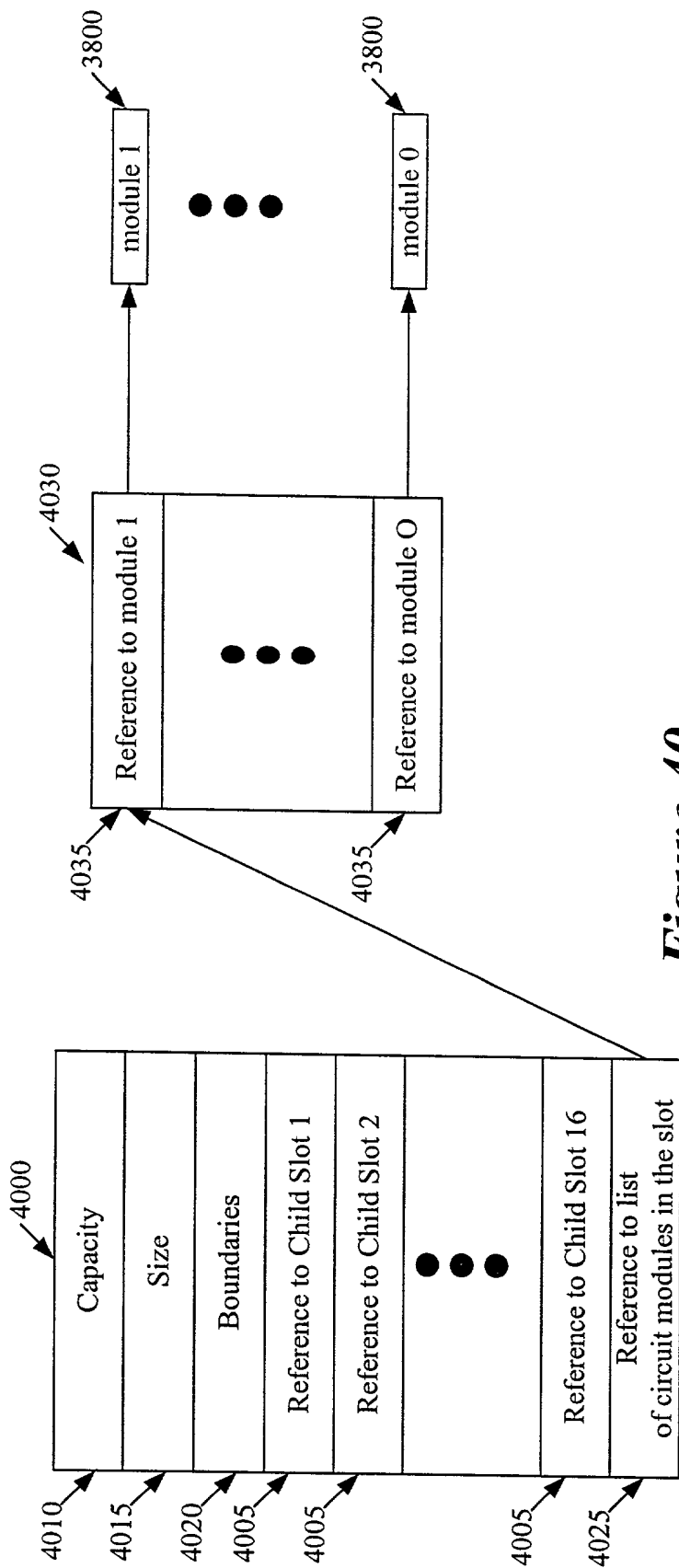
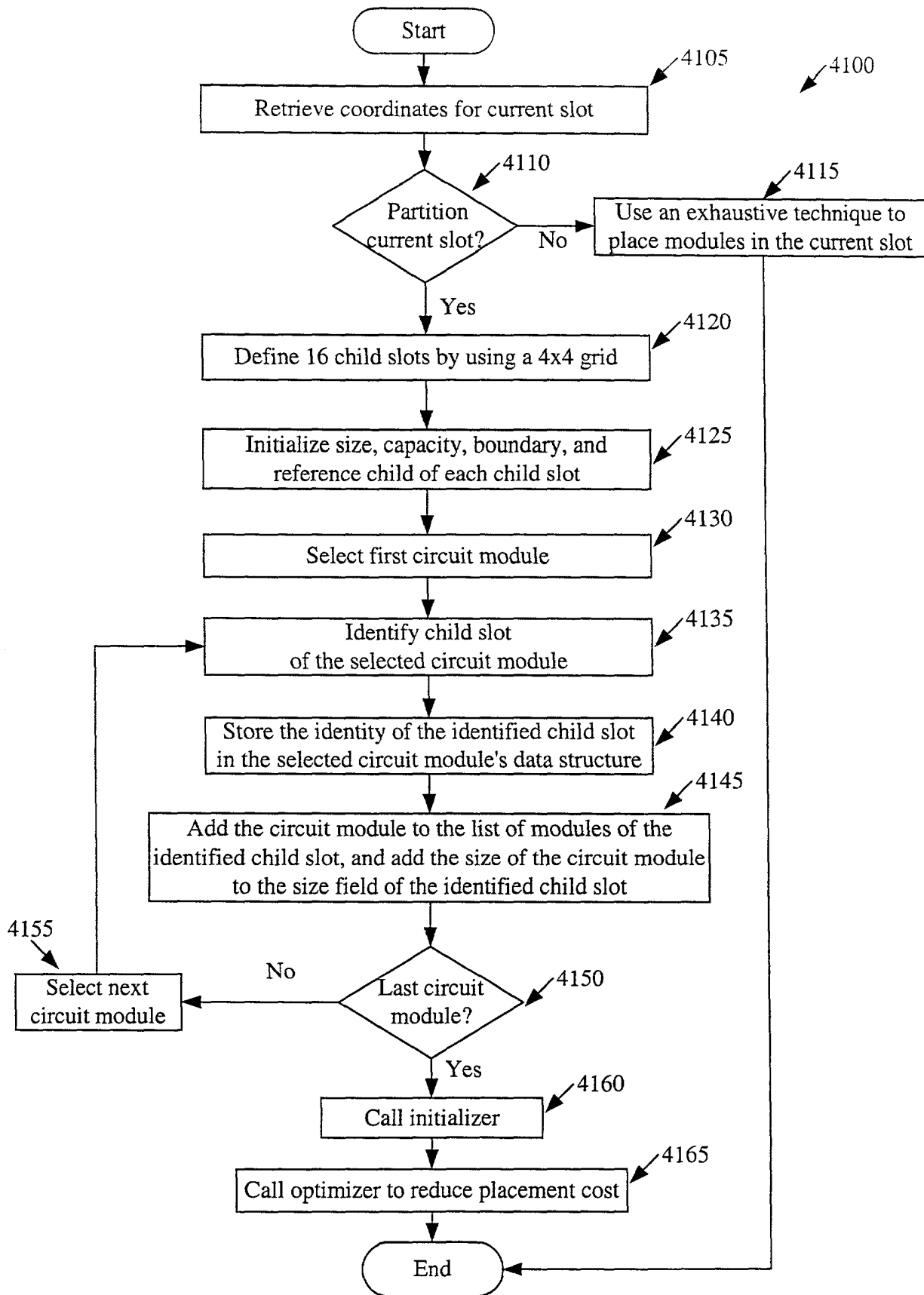


Figure 40

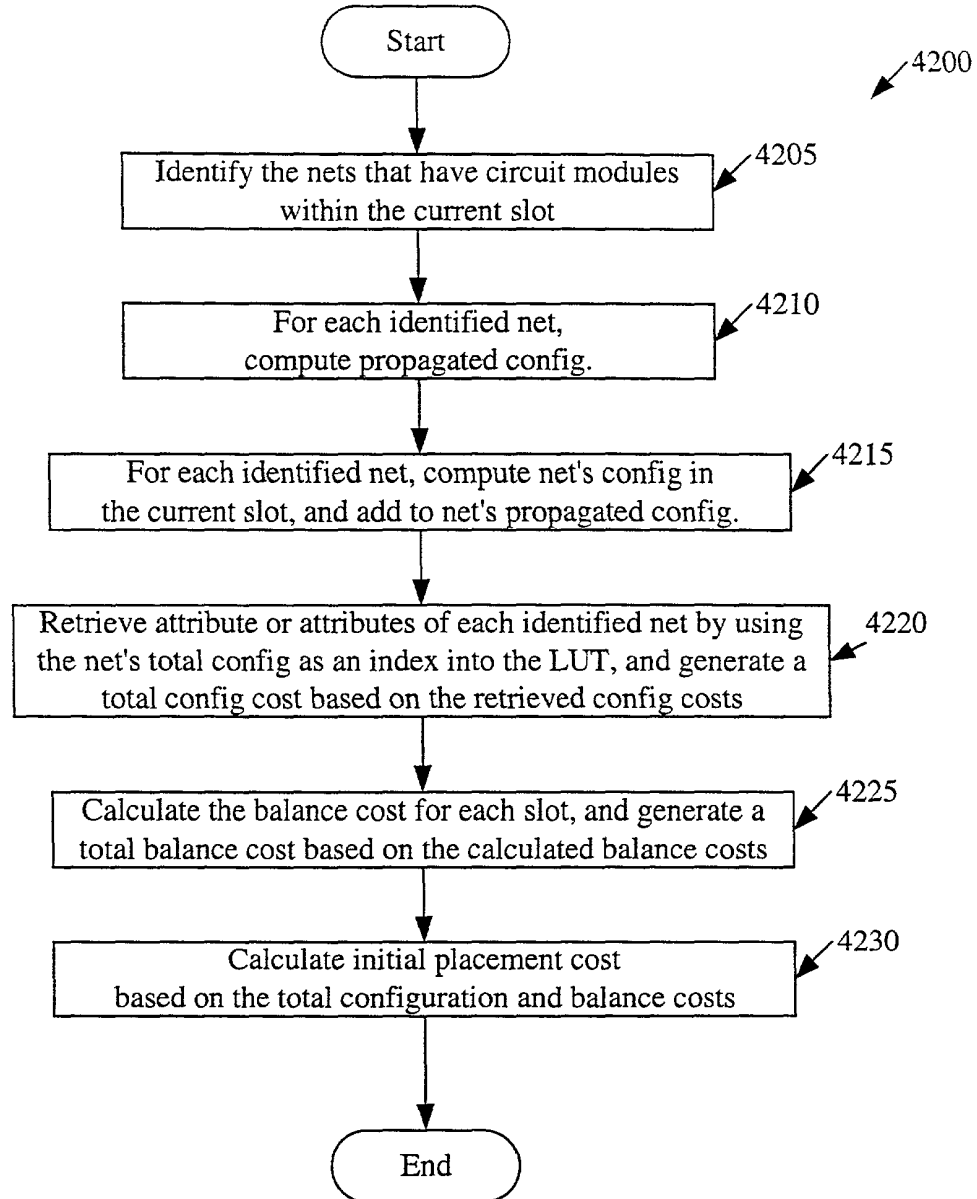
4300

$$\text{Data Structure} = \left[ \sum_{net} F(\text{netconfig, path1}), \sum_{net} F(\text{netconfig, path2}), \sum_{net} F(\text{netconfig, path3}), \dots, \sum_{net} F(\text{netconfig, path42}) \right]$$

Figure 43



**Figure 41**



**Figure 42**

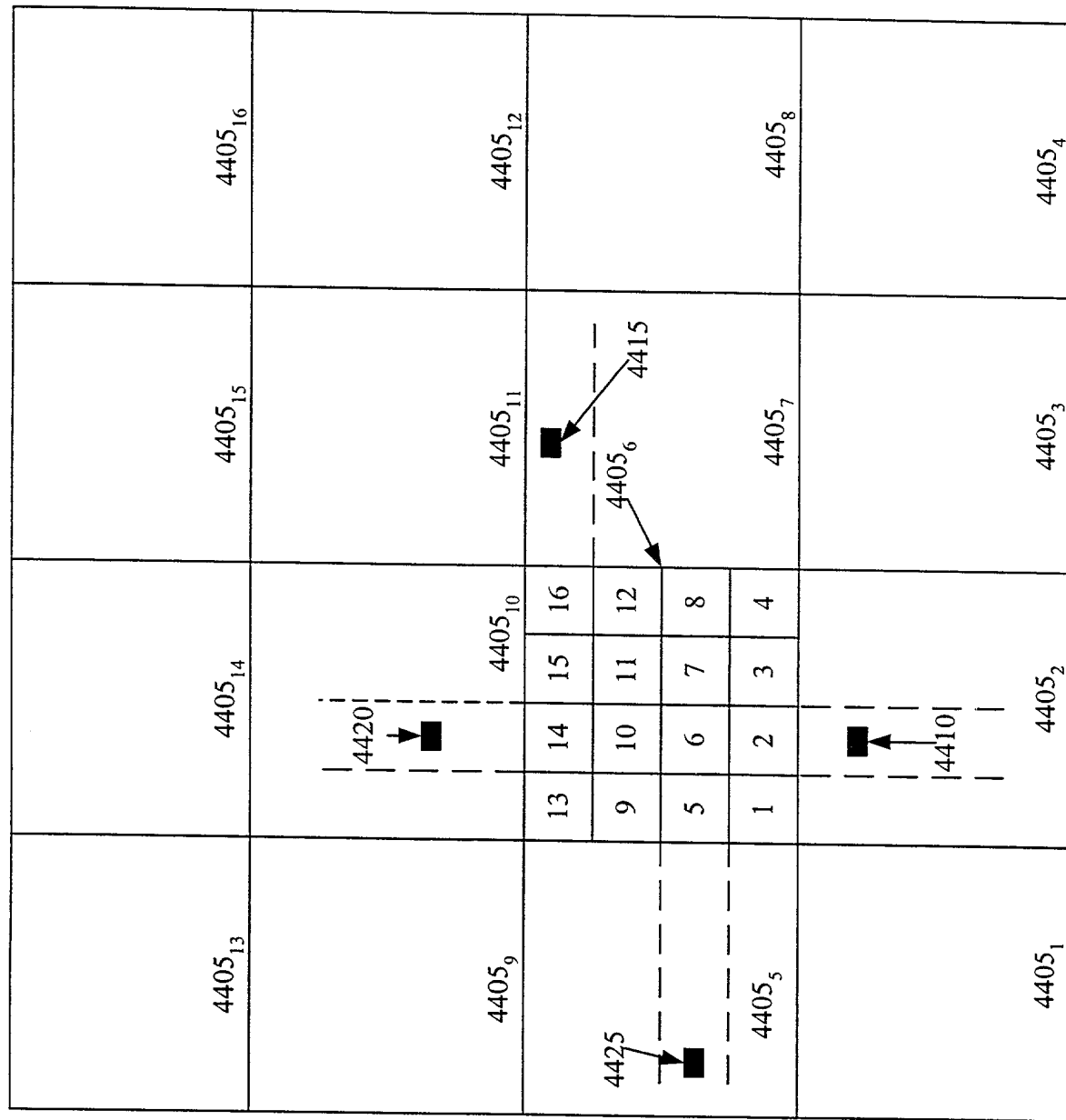
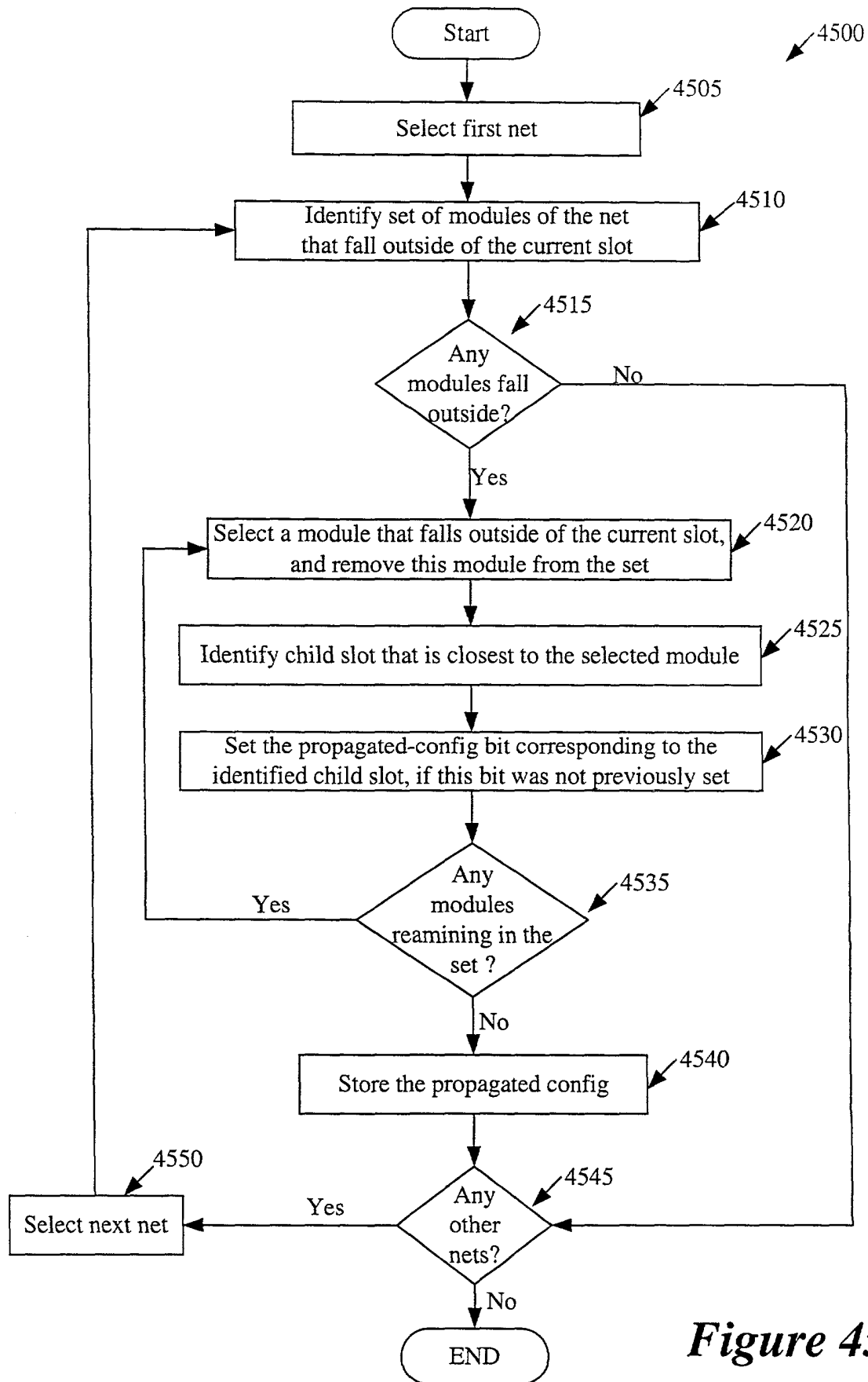
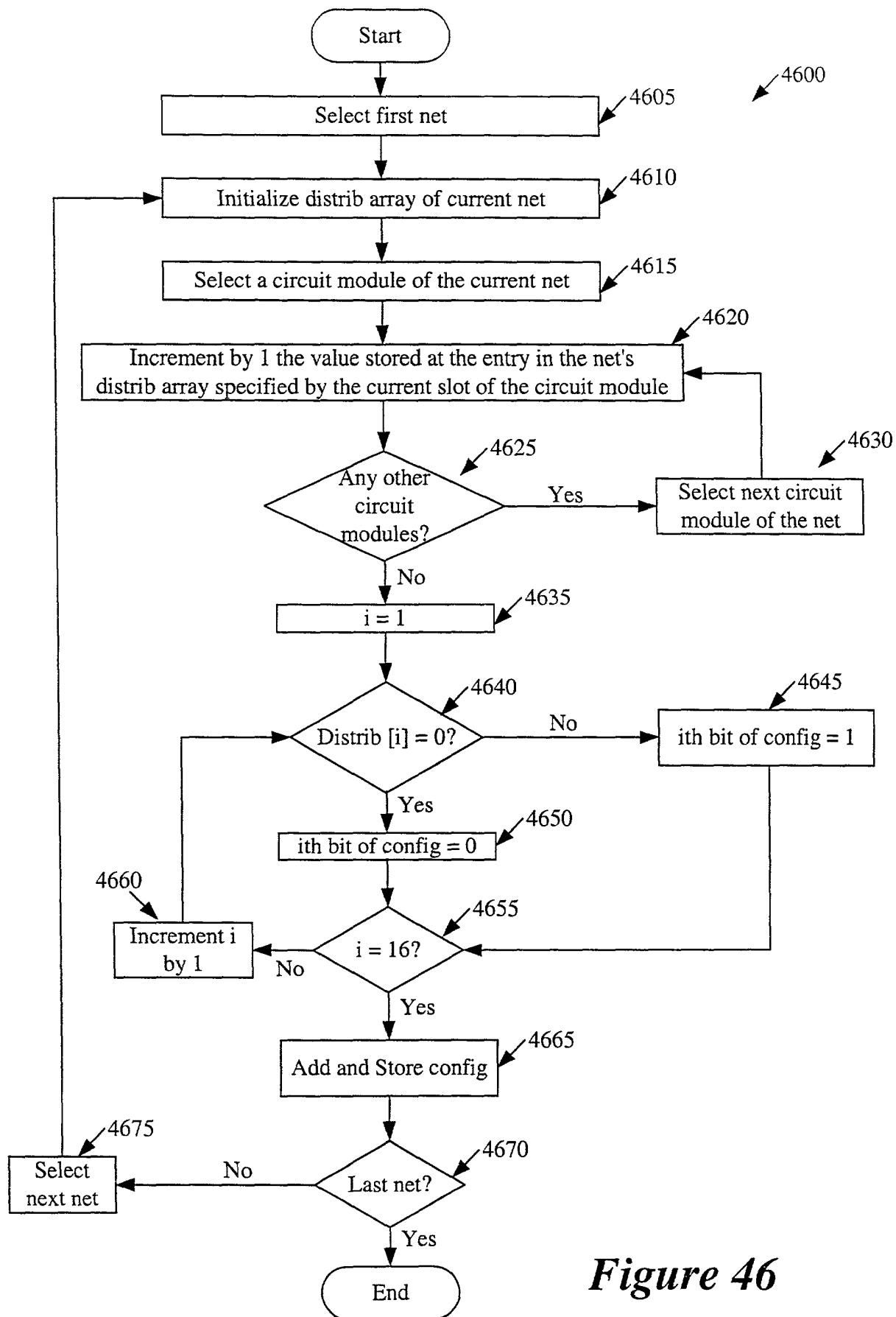


Figure 44

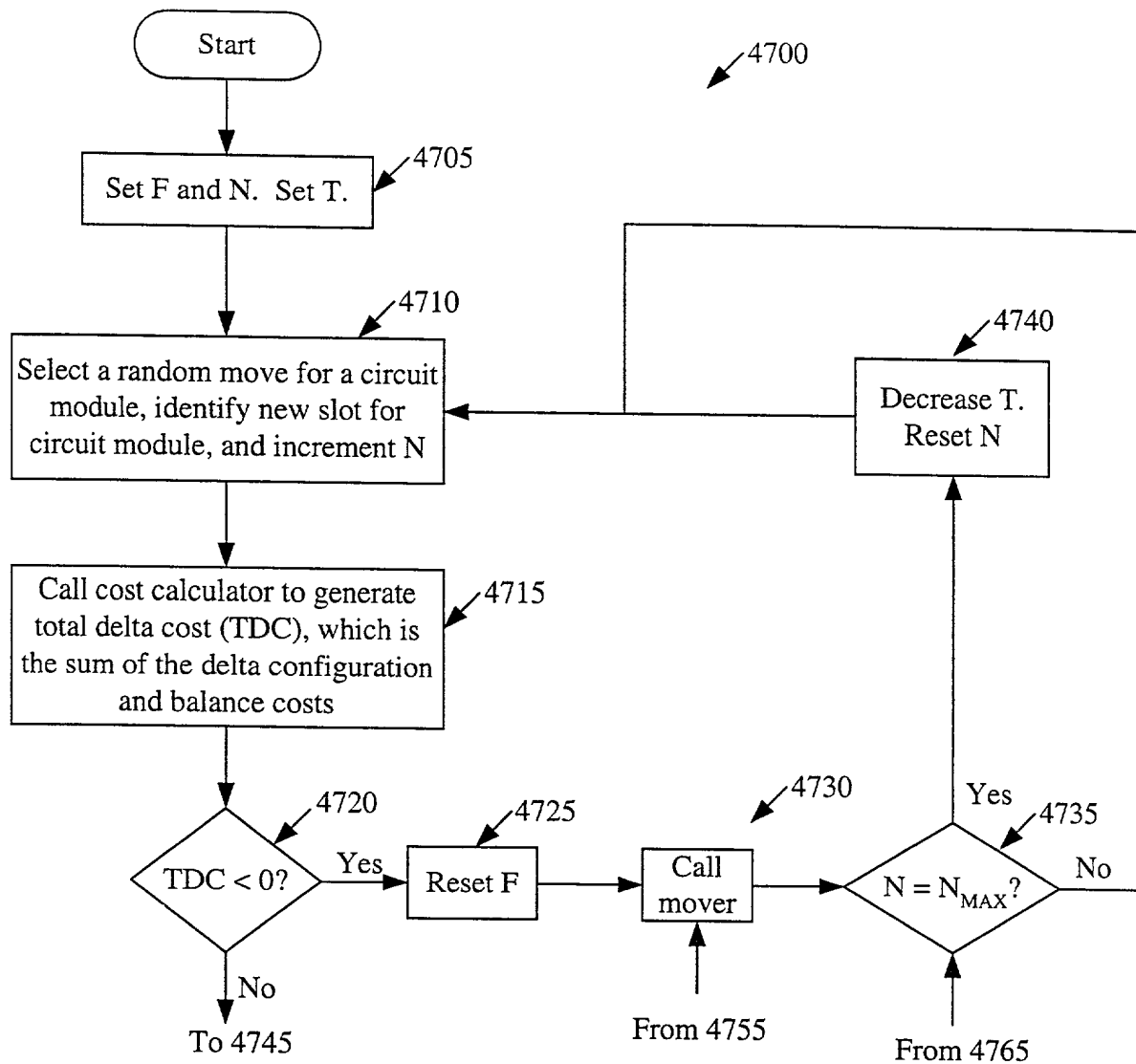




**Figure 45**

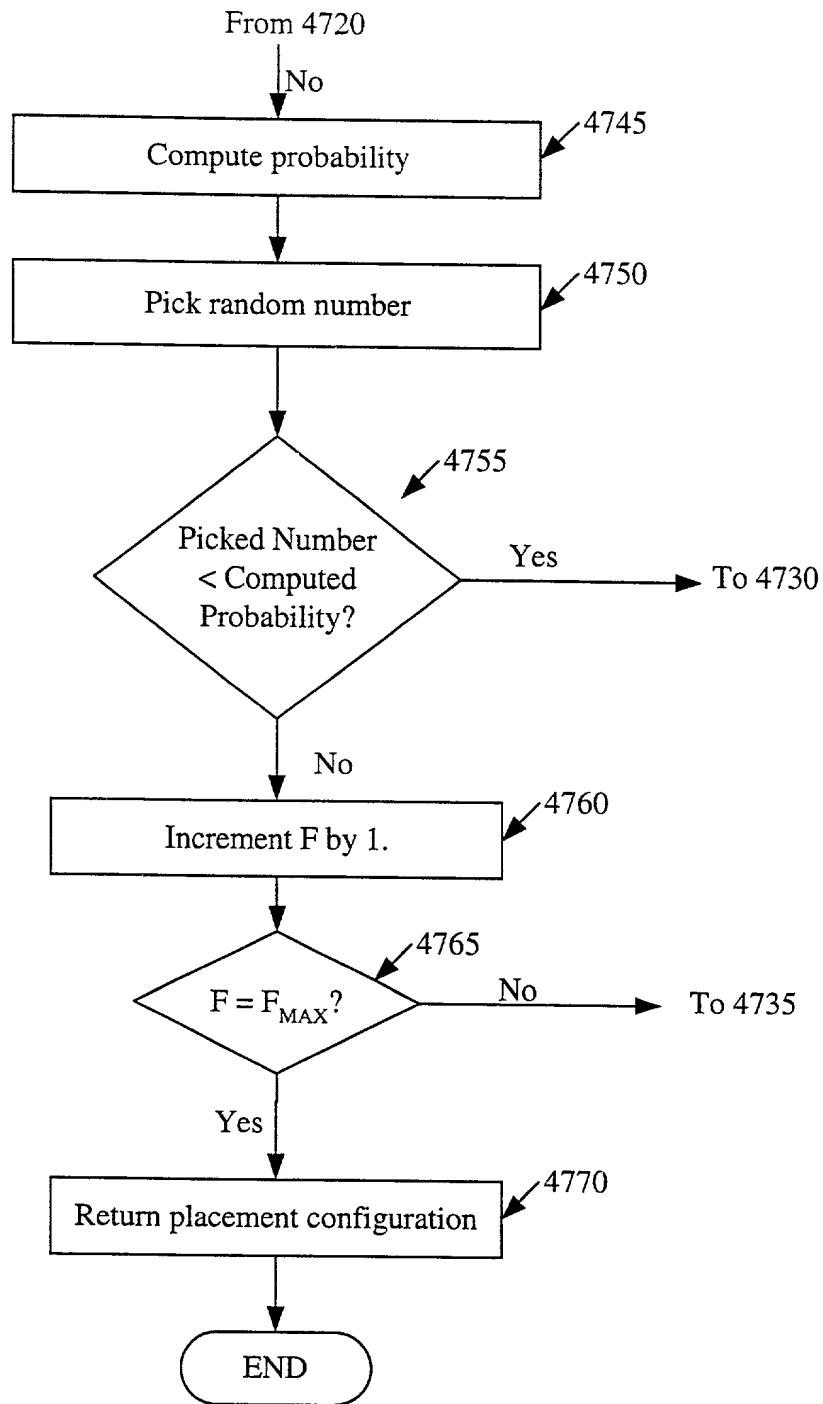


**Figure 46**

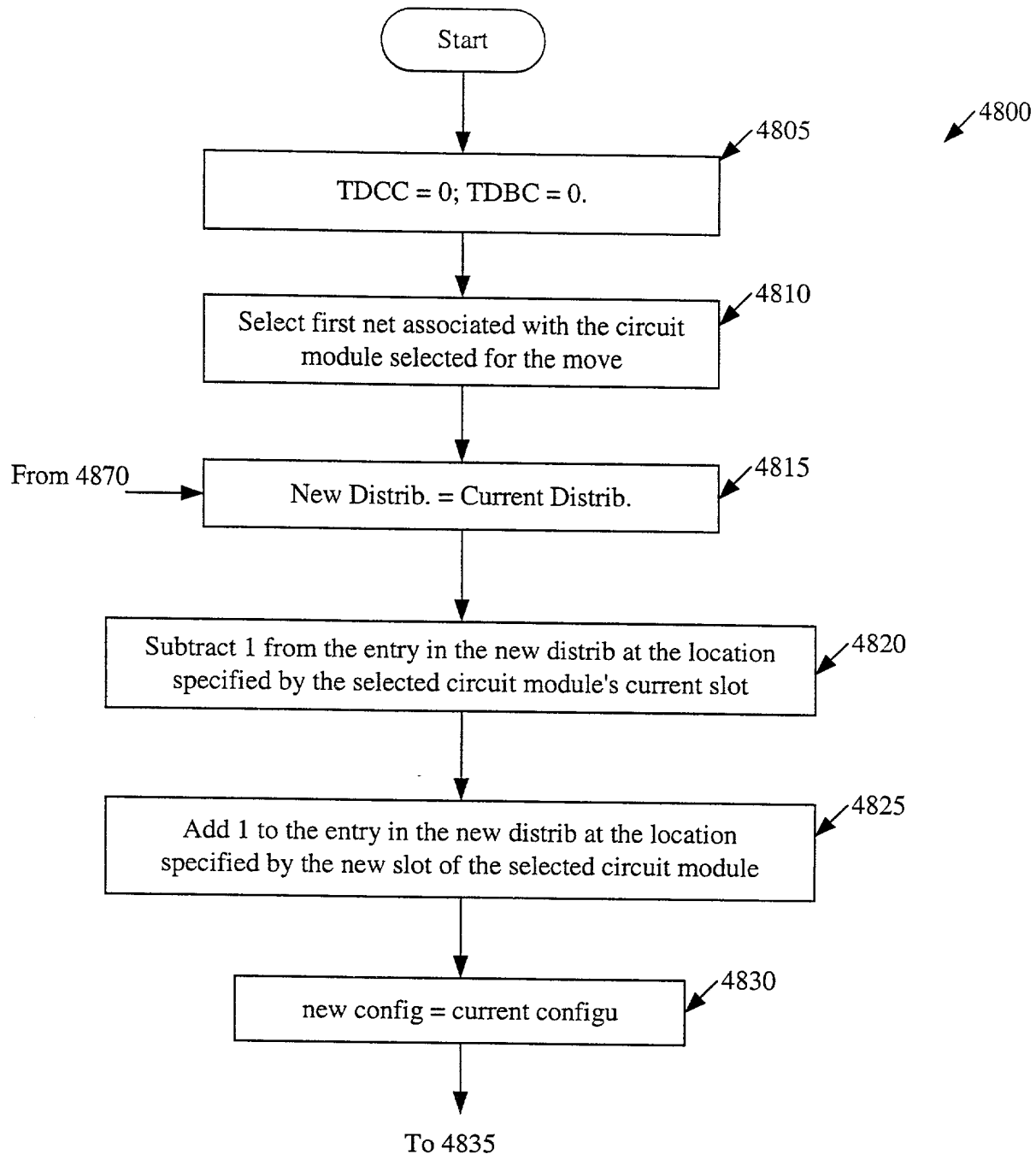


**Figure 47A**

**Figure 47:  $\frac{\text{Figure 47A}}{\text{Figure 47B}}$**

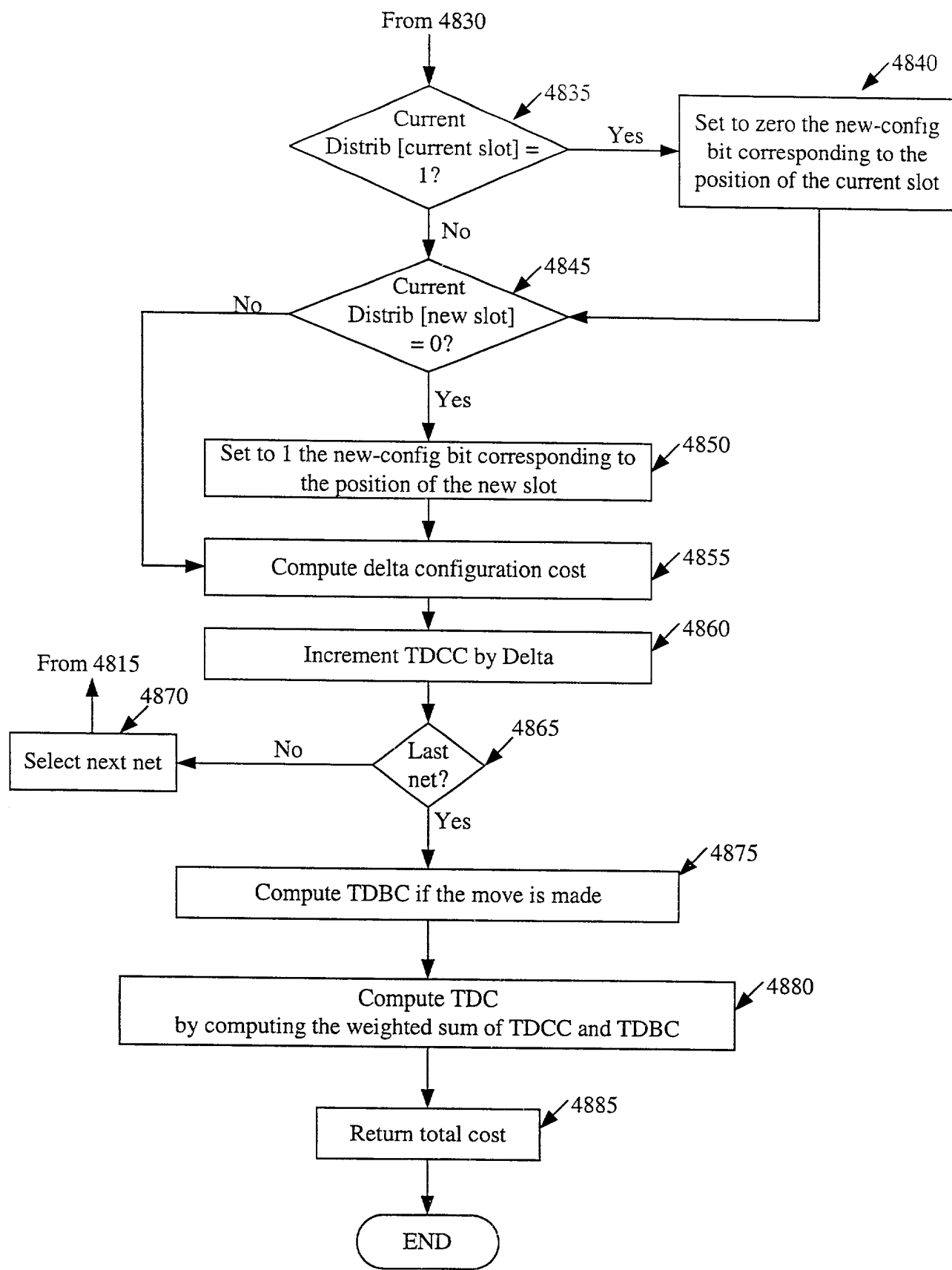


**Figure 47B**

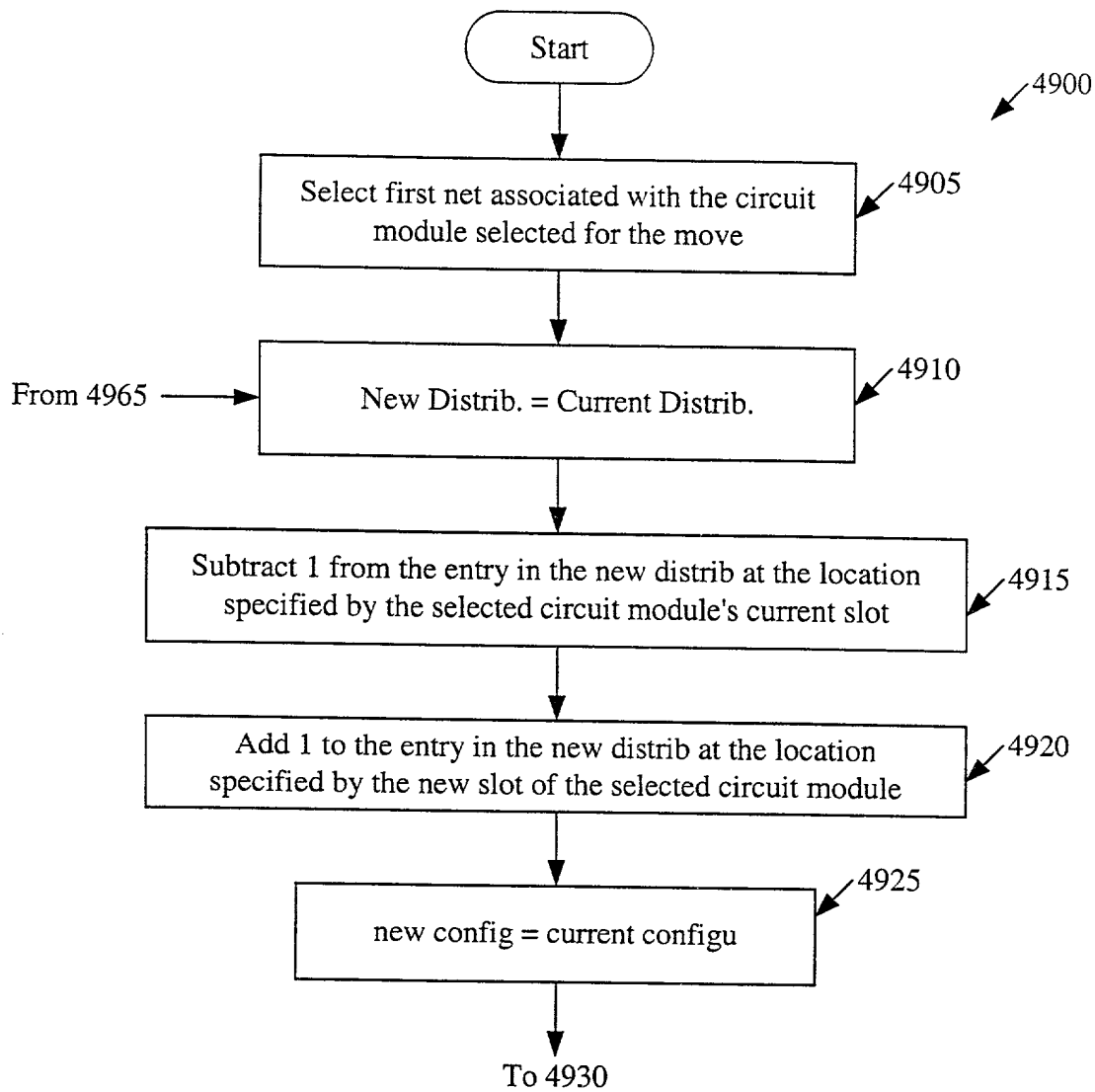


**Figure 48A**

**Figure 48:** Figure 48A  
Figure 48B

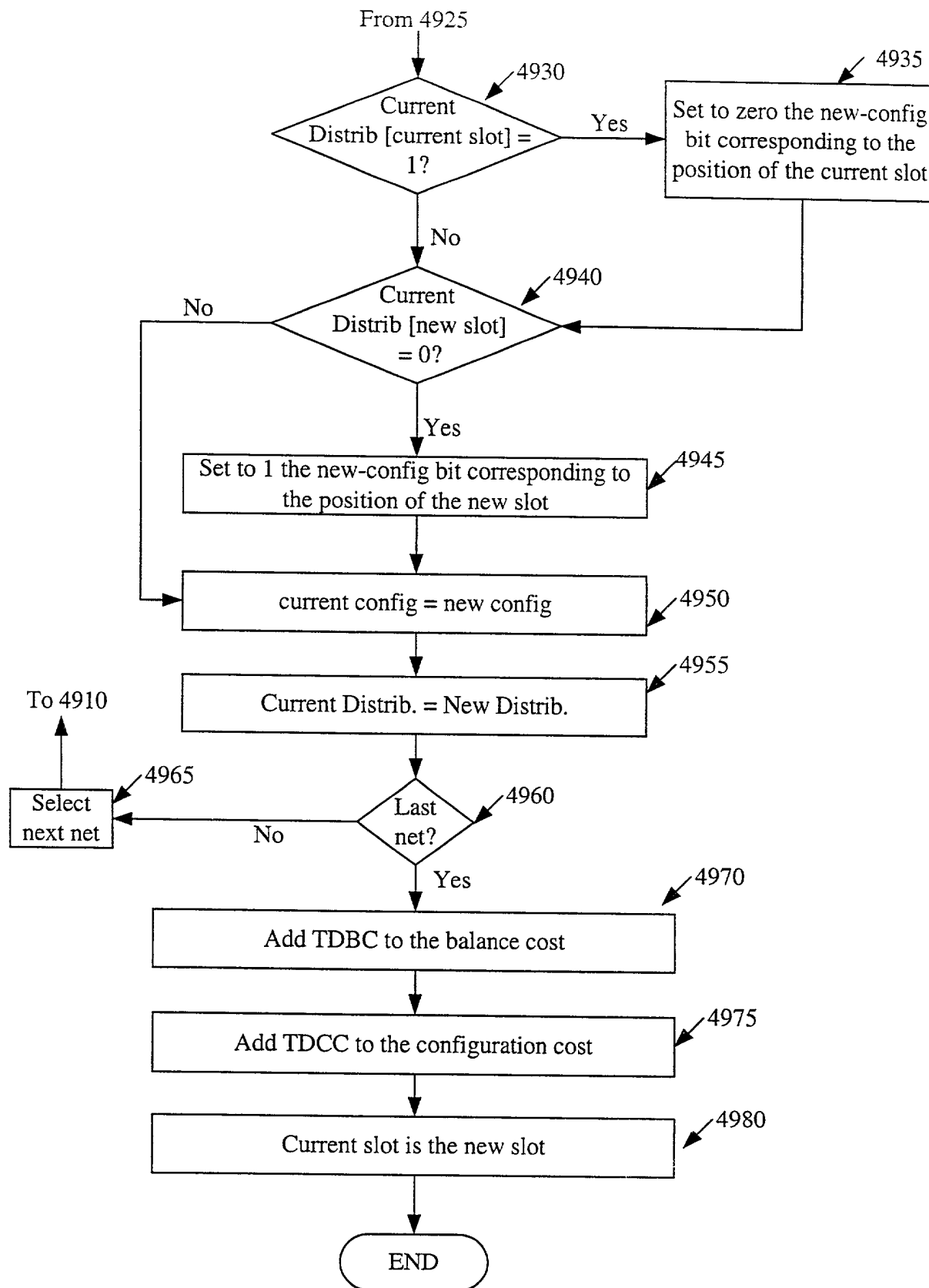


**Figure 48B**



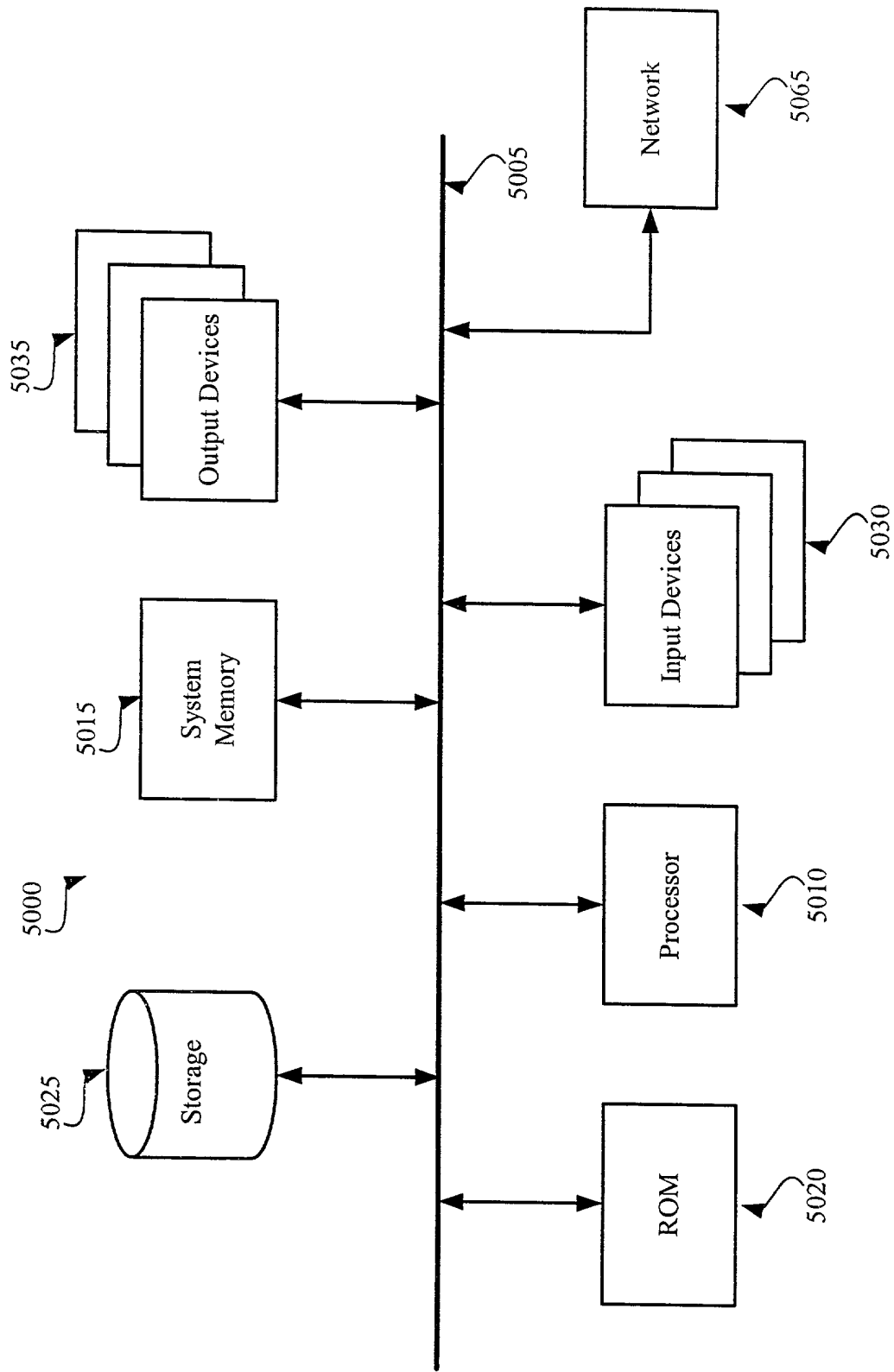
**Figure 49A**

**Figure 49:**  $\frac{\text{Figure 49A}}{\text{Figure 49B}}$



**Figure 49B**





*Figure 50*